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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 01:45:06 ; Search time 30.5818 Seconds
(without alignments)
4373.292 Million cell updates/sec

Title: US-09-717-095-1_COPY_389_629

Perfect score: 241

Sequence: 1 TCCATGTGCTGACCTTCTA.....GGATTCTACGAGAGCA 241

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

- 1: /cgn2_6/ptodata/2/ina/5A COMB.seq:*
- 2: /cgn2_6/ptodata/2/ina/5B COMB.seq:*
- 3: /cgn2_6/ptodata/2/ina/6A COMB.seq:*
- 4: /cgn2_6/ptodata/2/ina/6B COMB.seq:*
- 5: /cgn2_6/ptodata/2/ina/PCTUS.COMB.seq:*
- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	241	100.0	558	1	US-08-909-725-4	Sequence 4, Appli
2	241	100.0	747	2	US-08-709-662-1	Sequence 1, Appli
3	221	91.7	586	3	US-09-146-969-3	Sequence 3, Appli
4	176.6	73.3	747	2	US-08-401-530A-1	Sequence 1, Appli
5	97.8	40.6	762	2	US-08-822-261-2	Sequence 2, Appli
6	97.8	40.6	762	4	US-09-226-852-2	Sequence 2, Appli
7	88.8	36.8	610	3	US-09-385-982-229	Sequence 229, App
8	88.2	36.6	797	2	US-08-464-637-1	Sequence 1, Appli
9	88.2	36.6	797	2	US-08-822-261-5	Sequence 5, Appli
10	88.2	36.6	797	4	US-09-226-852-5	Sequence 5, Appli
11	78.8	32.7	798	1	US-07-778-156-12	Sequence 12, Appli
12	78.8	32.7	798	2	US-08-822-261-6	Sequence 6, Appli
13	78.8	32.7	798	2	US-08-422-166-12	Sequence 12, Appli
14	78.8	32.7	798	3	US-09-146-969-2	Sequence 2, Appli
15	78.8	32.7	798	4	US-09-226-852-6	Sequence 6, Appli
16	71	29.5	793	1	US-07-778-156-1	Sequence 1, Appli
17	71	29.5	793	2	US-08-422-166-1	Sequence 1, Appli
18	62.2	25.8	522	3	US-09-385-982-224	Sequence 224, App
19	54	22.4	522	1	US-07-778-156-4	Sequence 4, Appli
20	54	22.4	522	2	US-08-422-166-4	Sequence 4, Appli
21	52.6	21.8	474	1	US-07-778-156-8	Sequence 8, Appli
22	52.6	21.8	474	2	US-08-422-166-8	Sequence 8, Appli
23	48.6	20.2	590	2	US-08-454-557C-32	Sequence 32, Appli
24	48.6	20.2	590	2	US-08-340-426D-32	Sequence 32, Appli
25	48.6	20.2	590	2	US-08-450-673C-32	Sequence 32, Appli
26	48.6	20.2	590	5	PCT-US95-17111A-32	Sequence 32, Appli
27	47	19.5	777	3	US-09-146-969-1	Sequence 1, Appli

28	38.8	16.1	260	2	US-08-454-557C-88	Sequence 88, Appli
29	38.8	16.1	260	2	US-08-340-426D-88	Sequence 88, Appli
30	38.8	16.1	260	2	US-08-450-673C-88	Sequence 88, Appli
31	38.8	16.1	260	5	PCT-US95-17111A-88	Sequence 88, Appli
32	36.6	15.2	5717	4	US-09-023-655-1333	Sequence 1333, Ap
33	33.4	13.9	234	1	US-07-778-156-6	Sequence 6, Appli
34	33.4	13.9	234	2	US-08-422-166-6	Sequence 6, Appli
35	32.6	13.5	1001	4	US-09-641-638-387	Sequence 387, App
36	32.6	13.5	1001	4	US-09-641-638-388	Sequence 388, App
37	32.6	13.5	1001	4	US-09-641-638-389	Sequence 389, App
38	32.4	13.4	3411	3	US-09-146-969-4	Sequence 4, Appli
39	32	13.3	864	3	US-08-953-326-12	Sequence 12, Appli
40	32	13.3	864	4	US-09-314-701-33	Sequence 33, Appli
41	32	13.3	864	4	US-09-553-662-12	Sequence 12, Appli
42	32	13.3	864	4	US-10-062-994-12	Sequence 12, Appli
43	31.4	13.0	2310	4	US-09-134-000C-1714	Sequence 1714, Ap
44	31.4	13.0	6306	4	US-10-204-708-49	Sequence 49, Appli
45	30.8	12.8	3956	4	US-09-402-266B-21	Sequence 21, Appli

ALIGNMENTS

RESULT 1
US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: INGP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-909-725-4
Query Match 100.0%; Score 241; DB 1; Length 558;
Best Local Similarity 100.0%; Pred. No. 3.8e-68;

Matches 241; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TCCAATGTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
 Db 306 TCCAATGTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 365

QY 61 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTGTGAA 120
 Db 366 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTGTGAA 425

QY 121 AATGAGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCAGTTCTTAATTCAACAGCTTG 180
 Db 426 AATGAGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCAGTTCTTAATTCAACAGCTTG 485

QY 181 AAAATATTATGAAGCTCACATGACAAAGGAGCAAGTATGAGATTCACTCAGGAAGAGC 240
 Db 486 AAAATATTATGAAGCTCACATGACAAAGGAGCAAGTATGAGATTCACTCAGGAAGAGC 545

QY 241 A 241
 Db 546 A 546

RESULT 2
 US-08-709-662-1
 ; Sequence 1, Application US/08709662
 ; Patent No. 5840531
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron I.
 ; APPLICANT: Pittenger, Gary L.
 ; APPLICANT: Rafaeloff, Ronit
 ; APPLICANT: Rosenberg, Lawrence
 ; APPLICANT: Duguid, William P.
 ; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC
 ; TITLE OF INVENTION: ISLET NEOGENESIS
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Banner & Witcoff, Ltd.
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: US
 ; ZIP: 20001-4597
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08709,662
 ; FILING DATE: 09-SEP-1996
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A.
 ; REGISTRATION NUMBER: 32,141
 ; REFERENCE/DOCKET NUMBER: 00570.59178
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 747 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHEetical: NO
 ; ANTI-SENSE: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Cricetus
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 20..541

US-08-709-662-1

Query Match 100.0%; Score 241; DB 2; Length 747;
 Best Local Similarity 100.0%; Pred. No. 4.3e-68;
 Matches 241; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TCCAATGTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
 Db 389 TCCAATGTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 448

QY 61 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTGTGAA 120
 Db 449 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTGTGAA 508

QY 121 AATGAGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCAGTTCTTAATTCAACAGCTTG 180
 Db 509 AATGAGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCAGTTCTTAATTCAACAGCTTG 568

QY 181 AAAATATTATGAAGCTCACATGACAAAGGAGCAAGTATGAGATTCACTCAGGAAGAGC 240
 Db 569 AAAATATTATGAAGCTCACATGACAAAGGAGCAAGTATGAGATTCACTCAGGAAGAGC 628

QY 241 A 241
 Db 629 A 629

RESULT 3
 US-09-146-969-3
 ; Sequence 3, Application US/09146969
 ; Patent No. 6228585
 ; GENERAL INFORMATION:
 ; APPLICANT: Dieckgraefe, Brian K.
 ; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
 ; FILE REFERENCE: 04255.75314
 ; CURRENT APPLICATION NUMBER: US/09/146,969
 ; CURRENT FILING DATE: 1998-09-04
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 3
 ; LENGTH: 586
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-146-969-3

Query Match 91.7%; Score 221; DB 3; Length 586;
 Best Local Similarity 100.0%; Pred. No. 1.1e-61;
 Matches 221; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TCCAATGTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
 Db 366 TCCAATGTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 425

QY 61 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTGTGAA 120
 Db 426 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTGTGAA 485

QY 121 AATGAGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCAGTTCTTAATTCAACAGCTTG 180
 Db 486 AATGAGCTTCCCTATATCTGCAAAATCAAGGCTTAGGGCAGTTCTTAATTCAACAGCTTG 545

QY 181 AAAATATTATGAAGCTCACATGACAAAGGAGCAAGTATGAGATTCACTCAGGAAGAGC 221
 Db 546 AAAATATTATGAAGCTCACATGACAAAGGAGCAAGTATGAGATTCACTCAGGAAGAGC 586

RESULT 4
 US-08-401-530A-1
 ; Sequence 1, Application US/08401530A
 ; Patent No. 5834590
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron I.
 ; APPLICANT: Pittenger, Gary L.

APPLICANT: Rafaeloff, Ronit
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
TITLE OF INVENTION: ISLET NEOGENESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,530A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570.48743
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 747 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Cricetulus
FEATURE:
NAME/KEY: CDS
LOCATION: 20..541
US-08-401-530A-1

Query Match 73.3%; Score 176.6; DB 2; Length 747;
Best Local Similarity 97.8%; Pred. No. 2.2e-47;
Matches 179; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 1 TCCATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
Db 389 TCCATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 448
Qy 61 TATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAATTGTGAA 120
Db 449 TATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAATTGTGAA 508
Qy 121 AATGAGCTTCCTATCTATCTGCAAAATTCAGGTTCTAGGCGAGTTCTAATTTCAACAGCTTG 180
Db 509 AATGAGCTTCCTATCTATCTGCAAAATTCAGGTTCTAGGCGAGTTCTAATTTCAACAGAGAG 568
Qy 181 AAA 183
Db 569 CAA 571

RESULT 5
US-08-822-261-2
Sequence 2, Application US/08822261
Patent No. 5935813
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
ADDRESSEE: Goli, Surya K.

TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,261
FILING DATE: Filed Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 762 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: ISLTNOT01
CLONE: 2072483
US-08-822-261-2

Query Match 40.6%; Score 97.8; DB 2; Length 762;
Best Local Similarity 63.3%; Pred. No. 5e-22;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;
Qy 5 ATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTATT 64
Db 490 ATGTGATGAATTACTTTTCATGGGAGAGAAATCCCTCCACCATCTTAACCCCTGGCCACT 549
Qy 65 GTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAATTGTCAAAATG 124
Db 550 GTGGAGCGCTGTCAAGAGACACAGATTTCTGAAGTGGAAAGATTATTAATCTGTATGCAA 609
Qy 125 AGCTTCCCTATATCTGCAAAATTCAGGTTCTAGGCGAGTTCTTAATTTCAACAGCTTGAAA 184
Db 610 AGTTACCTATGTCTGCAAGTTCAAGGACTAGGCGAGGTGGGAGGTGAGCGCTCAGCT 669
Qy 185 TATTATGAAGCTCATGTCAGCAAGCAAGCAAGCAAGTATGAGGATTCATCAGGAGAGCA 241
Db 670 TGGCGTGCAGCTCATGTCAGTATGACATGAGACCGAGTGTGAAGACTCACCTGGAAGAGAA 726

RESULT 6
US-09-226-852-2
Sequence 2, Application US/09226852
Patent No. 6492499
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
ADDRESSEE: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.

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; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/226,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLTNOT01
; CLONE: 2072483
;
US-09-226-852-2

Query Match          40.6%; Score 97.8; DB 4; Length 762;
Best Local Similarity 63.3%; Pred. No. 5e-22;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATACTGGAGAGGAAACCCCTCTATTGCTGCGACCGTGGTTATT 64
DB 490 ATGTGTAAGTAATTACTTTGCAATGGAGAGAAATCCCTCCACATCTTAAACCCCTGGCCACT 549
QY 65 GTGCAGTTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAAATTGTGAAAATG 124
DB 550 GTGGAGCCCTGTCAAGAAAGCACAGGATTTCTGAAGTGGAAAGATTATACTGTGATCAA 609
QY 125 AGCTTCCTATATCTGAAATTCAGTCTAGGCGAGTTCTAATTTCAACAGCTTGAAA 184
DB 610 AGTTACCTATGCTGCAAGTTCAAGGACTAGGCGAGGTGGAGGAGTCAAGCTCAGCT 669
QY 185 TATTATGAAGCTCACATGGACAGGAAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 241
DB 670 TGGGTGCAGCTCATCATGACATGAGACAGGACGAGTGTGAAGACTACCCCTGGAAGAGAA 726

RESULT 7
US-09-385-982-229/c
; Sequence 229, Application US/09385982
; Patent No. 6262334
; GENERAL INFORMATION:
; APPLICANT: ENDEGE, WILSON O., ET AL.
; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS: II
; FILE REFERENCE: CCDNA-260XX
; CURRENT APPLICATION NUMBER: US/09/385,982
; CURRENT FILING DATE: 1999-08-30
; EARLIER APPLICATION NUMBER: 09/328,111
; EARLIER FILING DATE: 1999-06-08
; EARLIER APPLICATION NUMBER: 60/117,393
; EARLIER FILING DATE: 1999-01-27
; EARLIER APPLICATION NUMBER: 60/098,639
; EARLIER FILING DATE: 1998-08-31

; NUMBER OF SEQ ID NOS: 544
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 229
; LENGTH: 610
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc.feature
; LOCATION: (1)...(610)
; OTHER INFORMATION: n = A,T,C or G
US-09-385-982-229

Query Match          36.8%; Score 88.8; DB 3; Length 610;
Best Local Similarity 60.8%; Pred. No. 3.6e-19;
Matches 144; Conservative 0; Mismatches 93; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATACTGGAGAGGAAACCCCTCTATTGCTGCGACCGTGGTTATT 64
DB 401 ATGTGTAAGTAATTACTTTGCAATGGAGAGAAATCCCTCCACATNTCAAGCCCGGCCACT 342
QY 65 GTGCAGTTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAAATTGTGAAAATG 124
DB 341 GTGGAGCCCTGTGAGAAAGCACAGCATTTCGTGAGGTGGAAAGATTATACTGTAAATGTGA 282
QY 125 AGCTTCCTATATCTGCAAAATTCAGTCTAGGCGAGTTCTAATTTCAACAGCTTGAAA 184
DB 281 GGTTACCCTATGCTGCAAGTTCACTGACTAGTGCAGGAGGGAAGTCAGAGCCTGTGTT 222
QY 185 TATTATGAAGCTCACATGGACAGGAAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 241
DB 221 TGGGTGCAACTCATCATGCGCATGAGACAGGAGTGTGAGGACTACCCCTGGAAGAGAA 165

RESULT 8
US-08-464-637-1
; Sequence 1, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sales, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended).
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
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/
/ STRANDEDNESS: not relevant
/ TOPOLOGY: not relevant
/ MOLECULE TYPE: cDNA to mRNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 43..567
/ OTHER INFORMATION: /product= "human"
/ OTHER INFORMATION: pancreatitis-associated protein"
/ OTHER INFORMATION: /note= "see, Fig. 3"
US-08-464-637-1

Query Match          36.6%; Score 88.2; DB 2; Length 797;
Best Local Similarity 60.8%; Pred. No. 6.2e-19;
Matches 144; Conservative 0; Mismatches 93; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATTAACCTGGAGAGAAACCCCTCTATTGCTGCTGACCGTGTATT 64
Db 419 ATGTGATGAATTTACTTTGTCATGGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACT 478
QY 65 GTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTTAATTGTGAAAATG 124
Db 479 GTGCAGGCTGTGCGAAGACACAGCATTTCTGAGGTGGAAGATTATAACTGTAATGTGA 538
QY 125 AGTTCCTCTATATCTGCAAAATTCAGGTTCTAGGGCAGTTCTAATTTCAACAGCTTGAAAA 184
Db 539 GGTTACCTATGCTGCAAGTTCACTGACTAGTGCGAGGGAAGTTCAGCAGCCTGTGTT 598
QY 185 TATTATGAAGTTCACATGCGAAGCAAGCAAGTATGAGGATTCACCTCAGGAAGACA 241
Db 599 TGGTGTGCACTCATCATGGGCATGAGACCAGTGTGAGGACTCACCTTGAAGAGAA 655

RESULT 9
US-08-822-261-5
; Sequence 5, Application US/08822261
; Patent No. 593813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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/
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 797 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ IMMEDIATE SOURCE:
/ LIBRARY: GenBank
/ CLONE: 262368
US-08-822-261-5

Query Match          36.6%; Score 88.2; DB 2; Length 797;
Best Local Similarity 60.8%; Pred. No. 6.2e-19;
Matches 144; Conservative 0; Mismatches 93; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATTAACCTGGAGAGAAACCCCTCTATTGCTGCTGACCGTGTATT 64
Db 419 ATGTGATGAATTTACTTTGTCATGGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACT 478
QY 65 GTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTTAATTGTGAAAATG 124
Db 479 GTGCAGGCTGTGCGAAGACACAGCATTTCTGAGGTGGAAGATTATAACTGTAATGTGA 538
QY 125 AGTTCCTCTATATCTGCAAAATTCAGGTTCTAGGGCAGTTCTAATTTCAACAGCTTGAAAA 184
Db 539 GGTTACCTATGCTGCAAGTTCACTGACTAGTGCGAGGGAAGTTCAGCAGCCTGTGTT 598
QY 185 TATTATGAAGTTCACATGCGAAGCAAGCAAGTATGAGGATTCACCTCAGGAAGACA 241
Db 599 TGGTGTGCACTCATCATGGGCATGAGACCAGTGTGAGGACTCACCTTGAAGAGAA 655

RESULT 10
US-09-226-852-5
; Sequence 5, Application US/09226852
; Patent No. 6492499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/226,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
US-09-226-852-5

Query Match          36.6%; Score 88.2; DB 4; Length 797;
Best Local Similarity 60.8%; Pred. No. 6.2e-19;
Matches 144; Conservative 0; Mismatches 93; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
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Db 419 ATGTGATGAATTACTTTGTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACT 478

QY 65 GTGCAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGAGATTTTAATTGGAATG 124
   |||||
Db 479 GTGCAGCCTGTGCGAAGCACAGCATTTCTGAGGTGGAAGATTAATACTGTAATGTGA 538

QY 125 AGCTTCCCTATATCTCAAAATCAAGTCTTAGGCGAGTTCTTAATTTCAACAGCTTGAAA 184
   |||||
Db 539 GGTTACCTTATGTCGAAAGTTCACTGACTAGTGAGGAGGAGTCAAGCCTGTGTT 598

QY 185 TATTATGAAGCTCACATGAGCAAGGAGCAAGTATGAGGATTCATCAGGAAGAGCA 241
   |||||
Db 599 TGGTGTGCAACTCATCATGCGCATGAGACCAAGTGTGAGGACTCACCCCTGGAAGAGAA 655

RESULT 11
US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas

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US-07-778-156-12

Query Match          32.7%; Score 78.8; DB 1; Length 798;
Best Local Similarity 60.9%; Pred. No. 6.5e-16;
Matches 145; Conservative 0; Mismatches 92; Indels 1; Gaps 1;

QY 5 ATGTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
   |||||
Db 419 ATGTGATGAATTACTTTGTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACT 478

QY 65 GTGCAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGAGATTTTAATTGGAATG 124
   |||||
Db 479 GTGCAGCCTGTGCGAAGCACAGCATTTCTGAGGTGGAAGATTAATACTGTAATGTGA 538

QY 125 AGCTTCCCTATATCTGCAAA-TTCAAGTCTTAGGCGAGTTCTTAATTTCAACAGCTTGAAA 183
   |||||
Db 539 GGTTACCTTATGTCGAAAGTTCACTGACTAGTGAGGAGGAGTCAAGCCTGTGTT 598

QY 184 ATATTATGAAGTTCATCGCAAGCAAGGACAGATTCAGGATTCATCAGGAAGAGCA 241
   |||||
Db 599 TGGTGTGCAACTCATCATGCGCATGAGACCAAGTGTGAGGACTCACCCCTGGAAGAGAA 656

RESULT 12
US-08-822-261-6
; Sequence 6, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: Pf-0251 US
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
; US-08-822-261-6

Query Match          32.7%; Score 78.8; DB 2; Length 798;
Best Local Similarity 60.9%; Pred. No. 6.5e-16;
Matches 145; Conservative 0; Mismatches 92; Indels 1; Gaps 1;

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Search completed: August 8, 2004, 03:05:21
Job time : 31.5818 secs

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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 02:55:42 ; Search time 172.143 Seconds
(without alignments)
6864.396 Million cell updates/sec

Title: US-09-717-095-1_COPY_389_629

Perfect score: 241

Sequence: 1 TCCATGTGCTGACCTTCTA.....GGATTCACAGGAGCA 241

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 6445838

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq.*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*
- 14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq.*
- 17: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	221	91.7	586	9	US-09-739-262-3
2	176.6	73.3	747	16	US-10-421-363-2
3	155	64.3	6586	16	US-10-339-767-2
4	110.4	45.8	525	17	US-10-231-494-18
5	110.2	45.7	441	17	US-10-231-494-22
6	108.8	45.1	445	17	US-10-231-494-20
7	102.4	42.5	22055	12	US-09-997-722-145
8	97.8	40.6	762	15	US-10-316-761-2
9	97.8	40.6	859	9	US-09-978-295A-451
10	97.8	40.6	859	9	US-09-978-697-451
11	97.8	40.6	859	9	US-09-978-192A-451
12	97.8	40.6	859	9	US-09-999-832A-451
13	97.8	40.6	859	10	US-09-978-189-451
14	97.8	40.6	859	10	US-09-978-608A-451

15	97.8	40.6	859	10	US-09-978-585A-451	Sequence 451, App
16	97.8	40.6	859	10	US-09-978-191A-451	Sequence 451, App
17	97.8	40.6	859	10	US-09-978-403A-451	Sequence 451, App
18	97.8	40.6	859	10	US-09-978-564A-451	Sequence 451, App
19	97.8	40.6	859	10	US-09-999-833A-451	Sequence 451, App
20	97.8	40.6	859	10	US-09-981-915A-451	Sequence 451, App
21	97.8	40.6	859	10	US-09-978-824-451	Sequence 451, App
22	97.8	40.6	859	10	US-09-918-585A-451	Sequence 451, App
23	97.8	40.6	859	10	US-09-978-423A-451	Sequence 451, App
24	97.8	40.6	859	10	US-09-999-830A-451	Sequence 451, App
25	97.8	40.6	859	10	US-09-978-193A-451	Sequence 451, App
26	97.8	40.6	859	10	US-09-978-757A-451	Sequence 451, App
27	97.8	40.6	859	10	US-09-978-187B-451	Sequence 451, App
28	97.8	40.6	859	10	US-09-978-643A-451	Sequence 451, App
29	97.8	40.6	859	10	US-09-978-375A-451	Sequence 451, App
30	97.8	40.6	859	10	US-09-978-298A-451	Sequence 451, App
31	97.8	40.6	859	10	US-09-978-188A-451	Sequence 451, App
32	97.8	40.6	859	10	US-09-978-681A-451	Sequence 451, App
33	97.8	40.6	859	10	US-09-978-194A-451	Sequence 451, App
34	97.8	40.6	859	10	US-09-999-829A-451	Sequence 451, App
35	97.8	40.6	859	10	US-09-978-299A-451	Sequence 451, App
36	97.8	40.6	859	10	US-09-978-544A-451	Sequence 451, App
37	97.8	40.6	859	10	US-09-978-665A-451	Sequence 451, App
38	97.8	40.6	859	10	US-09-978-802A-451	Sequence 451, App
39	97.8	40.6	859	13	US-10-164-749A-451	Sequence 423, App
40	97.8	40.6	859	13	US-10-206-915-423	Sequence 423, App
41	97.8	40.6	859	13	US-10-159-670-423	Sequence 423, App
42	97.8	40.6	859	13	US-10-201-858-423	Sequence 423, App
43	97.8	40.6	859	13	US-10-081-056-119	Sequence 119, App
44	97.8	40.6	859	13	US-09-999-831A-451	Sequence 451, App
45	97.8	40.6	859	13	US-10-205-890-423	Sequence 423, App

ALIGNMENTS

RESULT 1

US-09-739-262-3
; Sequence 3, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraebe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739,262
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-3

Query Match 91.7%; Score 221; DB 9; Length 586;
Best Local Similarity 100.0%; Pred. No. 2e-58;
Matches 221; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	TCCAATGTGCTGACCTTCTATAACTGGGAGAGAAACCCCTCTATTGCTGTCACCGTGT	60
Db	366	TCCAATGTGCTGACCTTCTATAACTGGGAGAGAAACCCCTCTATTGCTGTCACCGTGT	425
QY	61	TATTGTGAGTTTGTCTCAGAAATCAGTTTTCAGAGTGGAGAGATTTAATTGTGAA	120
Db	426	TATTGTGAGTTTGTCTCAGAAATCAGTTTTCAGAGTGGAGAGATTTAATTGTGAA	485
QY	121	ATGTGCTCCCTATATCTGCAATTCAGGCTAGGCGAGTTCTAATTTCACAGCTTG	180
Db	486	ATGTGCTCCCTATATCTGCAATTCAGGCTAGGCGAGTTCTAATTTCACAGCTTG	545
QY	181	AAATATTATGAGCTCACATGCAAGCAAGCAAGTATGA	221

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Db 546 AAAATATTATGAGCTCACATGGACAAGGAAGCAAGTATGA 586
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; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 6586
; TYPE: DNA
; ORGANISM: Hamster sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(6586)
; OTHER INFORMATION: n = A, C, G, or T
US-10-339-767-2

Query Match 64.3%; Score 155; DB 16; Length 6586;
Best Local Similarity 100.0%; Pred. No. 2.6e-37;
Matches 155; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 87 AGGTTTTCAGAAAGTGGAGAGATTTTAAATTTGAGAAATGAGCTTCCCTATATCTGCAAAATT 146
|||||
Db 5842 AGGTTTTCAGAAAGTGGAGAGATTTTAAATTTGAGAAATGAGCTTCCCTATATCTGCAAAATT 5901
|||||
QY 147 CAAGGTCCTAGGCGAGTTCTAAATTTCAACAGCTTGAAAAATATTAAGAGCTCACATGACGA 206
|||||
Db 5902 CAAGGTCCTAGGCGAGTTCTAAATTTCAACAGCTTGAAAAATATTAAGAGCTCACATGACGA 5961
|||||
QY 207 AGGAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 241
|||||
Db 5962 AGGAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 5996
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RESULT 4
US-10-231-494-18
; Sequence 18, Application US/10231494
; Publication No. US2004002334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 525
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGP
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(525)
US-10-231-494-18

Query Match 45.8%; Score 110.4; DB 17; Length 525;
Best Local Similarity 82.9%; Pred. No. 5.9e-24;
Matches 126; Conservative 0; Mismatches 26; Indels 0; Gaps 0;

QY 1 TCCTAATGTGCTGACCTTCTATTAAGTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
Db 373 TCCTAATGTGCTGACCTTCTATTAAGTGGAGAGAACCCCTCTATTGCTGCTGATAGAGGT 432
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QY 61 TATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATTTGTA 120
Db 433 TATTGTGCTGTTTGTCTCAAAAATCTGGTTTTCAAAAATGGAGAGATTTTAAATTTGTA 492
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QY 121 AATGAGCTTCCCTATATCTGCAAAATCAAGT 152
Db 493 AATGAATTGCCATATATTGTAAATTTAAAGT 524
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RESULT 5
US-10-231-494-22
; Sequence 22, Application US/10231494
; Publication No. US20040023334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 22
; LENGTH: 441
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: IN GAP
; OTHER INFORMATION: sequences for fusion proteins
; NAME/KEY: CDS
; LOCATION: (2)..(436)
US-10-231-494-22

Query Match 45.7%; Score 110.2; DB 17; Length 441;
Best Local Similarity 81.9%; Pred. No. 6.2e-24;
Matches 127; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

Qy 1 TCCAATGTCGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGTCGACCGTGGT 60
Db 284 TCTAATGTTTGACTTTTACAAATGGGAAGAAATCCATCTATTGCTGCTGATAGAGT 343

Qy 61 TATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAAATGTGAA 120
Db 344 TATTGTGCTGTTTGTCTCAAAAATCTGTTTCAAAAATGGAGAGATTTAAATGTGAA 403

Qy 121 AATGAGTTCCTATATCTGCAAAATCAAGGTCTA 155
Db 404 AATGAATGCCATATATTGTGAATTTAAAGTTTA 438

RESULT 6
US-10-231-494-20
; Sequence 20, Application US/10231494
; Publication No. US20040023334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 20
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: IN GAP
; OTHER INFORMATION: sequences for fusion proteins
; NAME/KEY: CDS
; LOCATION: (1)..(444)

US-10-231-494-20

Query Match 45.1%; Score 108.8; DB 17; Length 445;
Best Local Similarity 82.2%; Pred. No. 1.7e-23;
Matches 125; Conservative 0; Mismatches 27; Indels 0; Gaps 0;

Qy 1 TCCAATGTCGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGTCGACCGTGGT 60
Db 289 TCTAATGTTTGACTTTTACAAATGGGAAGAAATCCATCTATTGCTGCTGATAGAGT 348

Qy 61 TATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAAATGTGAA 120
Db 349 TATTGTGCTGTTTGTCTCAAAAATCTGTTTCAAAAATGGAGAGATTTAAATGTGAA 408

Qy 121 AATGAGTTCCTATATCTGCAAAATCAAGGT 152
Db 409 AATGAATGCCATATATTGTGAATTTAAAGT 440

RESULT 7
US-09-997-722-145/c
; Sequence 145, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: Patent In version 3.1
; SEQ ID NO 145
; LENGTH: 22055
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (12157)..(12460)
; OTHER INFORMATION: "n" at positions 12157 through 12460 can be any base.
US-09-997-722-145

Query Match 42.5%; Score 102.4; DB 12; Length 22055;
Best Local Similarity 79.6%; Pred. No. 1.2e-20;
Matches 121; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

Qy 86 CAGGTTTTCAAGTGGAGAGATTTTAAATCTGGAATGAGCTTCCCTATATCTGCAAT 145
Db 15217 CAGGTTATCAAGTGGAGAGATTTATTATTGACACATATTTCCCTATGTCGCAAT 15158

Qy 146 TCAAGTCTAGGCGAGTTCTAAATTTCAACAGCTTGAAATATTATGAGCTCACATGAC 205
Db 15157 TCAAGGTTAGGCCAGTTCTGATTTCACTGCTGAAAGTATCCTGAAGATCACATAGAC 15098

Qy 206 AAGGAAGCAAGTATGAGGATTCACTCAGGAAG 237
Db 15097 AAAGGAGCAAGCATGATGGCTCACCAGAAAG 15066

RESULT 8
US-10-316-761-2
; Sequence 2, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6

APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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/ GENERAL INFORMATION:
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/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
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/ APPLICANT: Hillan, Kenneth L.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC9
/ CURRENT APPLICATION NUMBER: US/09/978,192A
/ CURRENT FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 40.8%; Score 97.8; DB 9; Length 859;

Best Local Similarity 63.3%; Pred. No. 6.4e-20;

Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
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Db 522 GTGGGAGCCGTCTCAAGAAGCACAGGATTTCTGAAGTGGAAAGATTATACTGTGATGCA 581
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QY 185 TATTATGAAGCTCACATGGACGAAGCAAGTATGAGATTTCATTCAGGAAGCA 241
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Db 642 TGGCGTGCAGCTCATCTGACATGAGACCACTGTGAGAGACTCACCTTGAAGAGAA 698
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RESULT 12
US-09-999-832A-451
; Sequence 451, Application US/0999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
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; APPLICANT: Gurney, Austin L.
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; APPLICANT: Shelton, David L.
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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
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; PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083496
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; PRIOR APPLICATION NUMBER: 60/083499
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; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15

Query Match 40.68; Score 97.8; DB 9; Length 859;
Best Local Similarity 63.3; Pred. No. 6.4e-20;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATACATGGGAGAGAACCCCTCTATTGTCTGTGACCGTGGTTATT 64
Db 462 ATGTGATGAATTACTTTTGCATGGGAGAAAATCCCTCCACCATCTTAAACCCCTGGCCACT 521
QY 65 GTGCAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGAGATTTTAATTTGAAATG 124
Db 522 GTGGGAGCCTGTCAAGAAGCACAGGATTTCTGAAGTGGAAAAGATTATAACTGTGATCAA 581
QY 125 AGCTTCCTCTATCTCAGAAATTCAGGTCTAGGGCAGTCTCTAATTTTCAACAGCTTGA 184
Db 582 AGTTACCTTAATGCTGCAAGTTCAAGACTAGGAGAGGTGGGAAGTCAGCAGCCTCAGCT 641

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QY 185 TATTATGAAGCTCACAATGACCAAGCAAGCAAGTATGAGGATTCATCTCAGGAAGCA 241
Db 642 TGGCGTGACGCTCATCATGACATGAGACCAAGTGTGAAGACTCACCTTGAAGAGAA 698

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RESULT 13

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US-09-978-189-451
; Sequence 451, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918595
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR FILING DATE: 1998-03-11
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; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20

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Db 522 GTGGAGCCTGTCAAGAAGCAGACGAGTTTCTCAAGTGGAAAGATTATTAATCTGTGATCAA 581
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Db 582 AGTTACCCCTATGCTGCAAGTTCAAGGACTAGGCGAGGTGGGAAGTTCAGCAGCCTCAGCT 641
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RESULT 14

US-09-978-608A-451
; Sequence 451, Application US/09978608A
; Publication No. US20030045462A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC22
; CURRENT APPLICATION NUMBER: US/09/978,608A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 451
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-978-608A-451
Query Match 40.6%; Score 97.8; DB 10; Length 859;
Best Local Similarity 63.3%; Pred. No. 6.4e-20;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATATACTGGAGAGAAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
Db 462 ATGTGATGAATTAATCTTGCATGGGAGAAAAATCCCTCCACCATCTTAAACCCCTGGCCACT 521
QY 65 GTGCAGTTTTGCTCAGAATCAGGTTTTTCAGAAGTGGAGAGATTTTAATTTGTAAGATG 124
Db 522 GTGGGAGCCTGTCAAGAGCACAGGATTTCTGAAGTGGAAAGATTATTAATCTGTGATCAA 581
QY 125 AGCTTCCCTATATCTGCAAAATTCAGGCTCAGGAGTCTTAATTTCAACAGCTTGAAAA 184
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RESULT 15

US-09-978-585A-451
; Sequence 451, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 451
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-978-585A-451
Query Match 40.6%; Score 97.8; DB 10; Length 859;
Best Local Similarity 63.3%; Pred. No. 6.4e-20;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATATACTGGAGAGAAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
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Job time : 173.143 secs

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OM nucleic - nucleic search, using sw model

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Perfect score: 265

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Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

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Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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2	265	100.0	747	2	US-08-709-662-1
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4	175	66.0	558	1	US-08-909-725-4
5	143.8	54.3	797	2	US-08-464-637-1
6	143.8	54.3	797	2	US-08-822-261-5
7	143.8	54.3	797	1	US-09-226-852-5
8	143.8	54.3	798	1	US-07-778-156-12
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21	95.6	36.1	474	1	US-07-778-156-8
22	95.6	36.1	474	2	US-08-422-166-8
23	91	34.3	94	1	US-08-909-725-1
24	84	31.7	368	4	US-09-621-976-30
25	83.6	31.5	777	3	US-09-146-969-1
26	79.6	30.0	378	2	US-08-454-557C-16
27	79.6	30.0	378	2	US-08-340-426D-16

28	79.6	30.0	378	2	US-08-450-673C-16	Sequence 16, Appl
29	79.6	30.0	378	5	PCT-US95-17111A-16	Sequence 16, Appl
30	63	23.8	659	3	US-09-385-982-319	Sequence 319, Appl
31	52.8	19.9	467	4	US-09-833-381-1338	Sequence 1338, Ap
32	52.4	19.8	3411	3	US-09-146-969-4	Sequence 4, Appl
33	51.8	19.5	325	4	US-09-833-381-1337	Sequence 1337, Ap
34	47.8	18.0	282	4	US-09-833-381-1879	Sequence 1879, Ap
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36	40.4	15.2	590	2	US-08-340-426D-32	Sequence 32, Appl
37	40.4	15.2	590	2	US-08-450-673C-32	Sequence 32, Appl
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39	37.8	14.3	189	4	US-09-833-381-1878	Sequence 1880, Ap
40	32.8	12.4	1861	4	US-09-620-312D-756	Sequence 756, App
41	32	12.1	151	2	US-08-454-557C-18	Sequence 18, Appl
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43	32	12.1	151	2	US-08-450-673C-18	Sequence 18, Appl
44	32	12.1	151	5	PCT-US95-17111A-18	Sequence 18, Appl
45	32	12.1	200	2	US-08-454-557C-80	Sequence 80, Appl

ALIGNMENTS

RESULT 1
US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Citriculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541

US-08-401-530A-1

Query Match 100.0%; Score 265; DB 2; Length 747;
Best Local Similarity 100.0%; Pred. No. 5.3e-81;
Matches 265; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 64 CTGCGTGAATGCTTCTTCTGGTGAAGGTGAAGATCTCAAAAGAAACTGCTTCTTC 123
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QY 241 GGCATTTCCTCAGTACTGGTGA 265
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QY 244 GGCATTTCCTCAGTACTGGTGA 268
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RESULT 2

US-08-709-662-1
; Sequence 1, Application US/08709662

; Patent No. 5840531

; GENERAL INFORMATION:

; APPLICANT: Vinik, Aaron I.

; APPLICANT: Pittenger, Gary L.

; APPLICANT: Rafaeloff, Ronit

; APPLICANT: Rosenberg, Lawrence

; APPLICANT: Duguid, William P.

; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC

; TITLE OF INVENTION: ISLET NEOGENESIS

; NUMBER OF SEQUENCES: 7

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; STREET: 1001 G Street, N.W.

; CITY: Washington

; STATE: D.C.

; COUNTRY: US

; ZIP: 20001-4597

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/709,662

; FILING DATE: 09-SEP-1996

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Kagan, Sarah A.

; REGISTRATION NUMBER: 32,141

; REFERENCE/DOCKET NUMBER: 00570.59178

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-508-9100

; TELEFAX: 202-508-9299

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 747 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; ORIGINAL SOURCE:

; ORGANISM: Cricetulus

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 20..541

US-08-709-662-1

Query Match 100.0%; Score 265; DB 2; Length 747;
Best Local Similarity 100.0%; Pred. No. 5.3e-81;
Matches 265; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db |||||
QY 4 CAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTTC 63
Db |||||
QY 61 CTGCGTGAATGCTTCTTCTGGTGAAGGTGAAGATCTCAAAAGAAACTGCTTCTTC 120
Db |||||
QY 64 CTGCGTGAATGCTTCTTCTGGTGAAGGTGAAGATCTCAAAAGAAACTGCTTCTTC 123
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QY 121 ACGTATAACCTGCTCCTCAAGCTCTGTAGCTATGGTCTCTATTGCTATTCACTGATTTT 180
Db |||||
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QY 181 GATACACAGACCTGGTCTTAATGCAGAACTATCTCCAGATGCATTTCTCAGGACACCT 240
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QY 184 GATACACAGACCTGGTCTTAATGCAGAACTATCTCCAGATGCATTTCTCAGGACACCT 243
Db |||||
QY 241 GGCATTTCCTCAGTACTGGTGA 265
Db |||||
QY 244 GGCATTTCCTCAGTACTGGTGA 268
Db |||||

RESULT 3

US-09-146-969-3

; Sequence 3, Application US/09146969

; Patent No. 6228585

; GENERAL INFORMATION:

; APPLICANT: Dieckgraefe, Brian K.

; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury

; FILE REFERENCE: 04255.75314

; CURRENT APPLICATION NUMBER: US/09/146,969

; CURRENT FILING DATE: 1998-09-04

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 3

; LENGTH: 586

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-146-969-3

Query Match 92.5%; Score 245; DB 3; Length 586;
Best Local Similarity 100.0%; Pred. No. 3.3e-74;
Matches 245; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 TTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTTCTCCCTGCTGCTGCTGCTTCTT 80
Db |||||
QY 1 TTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTTCTCCCTGCTGCTGCTTCTTCTT 60
Db |||||
QY 81 GGGTGAAGGTGAAGATCTCAAAAGAAACTGCTTCTTCCAGTATAACCTGCTCCTCAAG 140
Db |||||
QY 61 GGGTGAAGGTGAAGATCTCAAAAGAAACTGCTTCTTCCAGTATAACCTGCTCCTCAAG 120
Db |||||
QY 141 GCTCTGTAGCTATGGTCTCTATTGCTATTCACTGATTTTGATACACAGACCTGGTCTA 200
Db |||||
QY 121 GCTCTGTAGCTATGGTCTCTATTGCTATTCACTGATTTTGATACACAGACCTGGTCTA 180
Db |||||
QY 201 ATGCAGAACTATCTGCCAGATGCATTTCTCAGACACACCTGGCATTTCTTCTCAGTACTG 260
Db |||||
QY 181 ATGCAGAACTATCTGCCAGATGCATTTCTCAGACACACCTGGCATTTCTTCTCAGTACTG 240
Db |||||
QY 261 GTGAA 265
Db |||||
QY 241 GTGAA 245
Db |||||

RESULT 4

US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 EMB UT

INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA

US-08-909-725-4
Query Match 66.0%; Score 175; DB 1; Length 558;
Best Local Similarity 97.3%; Pred. No. 3e-50; Mismatches 0; Indels 0; Gaps 0;
Matches 178; Conservative 0

QY	83	GTGGAAGTGAAGAATCTCAAAGAACTGCTTCTTACGATATACCTGCTCAAGGC	142
Db	3	GCGGATCCGGAAGATCTCAAAGAACTGCTTCTTACGATATACCTGCTCAAGGC	52
QY	143	TCTGTAGCTATGGTCTCTATGCTATTCACGTATTTGATACACAGACCTGGTCTAAT	202
Db	63	TCTGTAGCTATGGTCTCTATGCTATTCACGTATTTGATACACAGACCTGGTCTAAT	122
QY	203	GCAGAACTATCTGCCAGATGATTTCTCAGACACCTGGCATTTCTTCAGTACTGGT	262
Db	123	GCAGAACTATCTGCCAGATGATTTCTCAGACACCTGGCATTTCTTCAGTACTGGT	182
QY	263	GAA 265	
Db	183	GAA 185	

RESULT 5

US-08-464-637-1
; Sequence 1, Application US/08464637

Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sarles, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended).
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 43..567
; OTHER INFORMATION: /product= "human"
; OTHER INFORMATION: pancreatitis-associated protein"
; OTHER INFORMATION: /note= "see, Fig. 3"

US-08-464-637-1

Query Match 54.3%; Score 143.8; DB 2; Length 797;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY	6	CAGGTACCATGATGCTTCCGATGACCTCTGTAGATCTCTGGATGCTGCTTCTGCTGCC	65
Db	35	CAGACACTGCTGCTCCCTCCCTGCGCCAGTGTATCTTGGATGCTGCTTCTGCTGCC	94
QY	66	TGATGTTCTTTCTTGGGTGAAGTGAAGATCTCAAAGAACTGCTTCTTCCAGTA	125
Db	95	TCATGCTGCTCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCTTCCAGCGA	154
QY	126	TAACTGTCTCAAGGCTCTGTAGCCTATGGGTCTATTGTATTTACTGATTTTGTATAC	185
Db	155	TCCGCTGTCCCAAGGCTCCAAAGGCTATGGCTCCACTGTCTGCTTGTGTTTGTAC	214
QY	186	CACAGACCTGTCTTAATGCAGAACTATCTGCCAGATGCTATTTCTCAGACACCTGGCAT	245
Db	215	CAAAATCTGCAGACAGATGAGATCTGGCCTCCAGAGCGCCCTCTGGAACCTGTGT	274
QY	246	TTCCTTCAGTACTGGTGA	264

Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 6

US-08-822-261-5
; Sequence 5, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; US-08-822-261-5

Query Match 54.3%; Score 143.8; DB 2; Length 797;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCGC 65
Db 35 CAGACACTATGCTGCCTCCCATGCGCTGCCAGTGATCTTGGATGCTGCTTCTGCGC 94
QY 66 TGATGTTCTTTCTTGGTGGAGGTGAAGAACTCAAGAACTGCTTCTTACGTA 125
Db 95 TCATGCTGTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCAGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCCTATGGGTCCTATTGCTATTCTCACTGATTGTGATC 185
Db 155 TCCGCTGTCCCAAGGCTCCAAAGCCATGCTGCCCTCCCACTGCTATGCTTGTGTCAC 214
QY 186 CACAGACCTGGTCTAATGCGAACTATCTGCCAGATGCAATTTCTCAGGACACTGGCAT 245
Db 215 CAAAATCCTGGACAGATGCAGATCTGGCCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264

Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 7

US-09-226-852-5
; Sequence 5, Application US/09226852
; Patent No. 6492499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/226,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; US-09-226-852-5

Query Match 54.3%; Score 143.8; DB 4; Length 797;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCGC 65
Db 35 CAGACACTATGCTGCCTCCCATGCGCTGCCAGTGATCTTGGATGCTGCTTCTGCGC 94
QY 66 TGATGTTCTTTCTTGGTGGAGGTGAAGAACTCAAGAACTGCTTCTTACGTA 125
Db 95 TCATGCTGTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCAGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCCTATGGGTCCTATTGCTATTCTCACTGATTGTGATC 185
Db 155 TCCGCTGTCCCAAGGCTCCAAAGCCATGCTGCCCTCCCACTGCTATGCTTGTGTCAC 214
QY 186 CACAGACCTGGTCTAATGCGAACTATCTGCCAGATGCAATTTCTCAGGACACTGGCAT 245
Db 215 CAAAATCCTGGACAGATGCAGATCTGGCCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 8

US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248955 OPAT UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-07-778-156-12

Query Match 54.3%; Score 143.8; DB 1; Length 798;

Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY	6	CAGGTACCATGATGCTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTCTCTGCC	65
Db	35	CAGACACTATGCTGCTCCCATGCGCCCTGCCAGTGATCTTTGGATGCTGCTTCTCTGCC	94
QY	66	TGATGTTCTTTCTTTGGGTGAAGTGAAGATCTCAAAAGAAACTGCGCTTCTTCAACGTA	125
Db	95	TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCGCTTCTGACCGA	154
QY	126	TAACTGTGCTCAAGGCTCTGTAGGCTTCTTGGTCTCTATTTGCTATTTGATAC	185
Db	155	TCCGCTGTCCCAAGGCTTCAAGGCTTATGCTCCACTGCTATGCTTTGTTGTAC	214
QY	186	CACAGACCTGGTCTAATGCAGAACTATCTCCAGATGATTTCTCAGGACACCTGGCAT	245
Db	215	CAAAATCTTGACAGATGACATCTGGCTGCCAGAGCGGCCCTCTGGAACCTGGTGT	274
QY	246	TTCTTCTCAGTACTGGTGA	264

Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 9

US-08-822-261-6
; Sequence 6, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goll, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
US-08-822-261-6

Query Match 54.3%; Score 143.8; DB 2; Length 798;

Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY	6	CAGGTACCATGATGCTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTCTCTGCC	65
Db	35	CAGACACTATGCTGCTCCCATGCGCCCTGCCAGTGATCTTTGGATGCTGCTTCTCTGCC	94
QY	66	TGATGTTCTTTCTTTGGGTGAAGTGAAGATCTCAAAAGAAACTGCGCTTCTTCAACGTA	125
Db	95	TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCGCTTCTGACCGA	154
QY	126	TAACTGTGCTCAAGGCTCTGTAGGCTTCTTGGTCTCTATTTGCTATTTGATAC	185
Db	155	TCCGCTGTCCCAAGGCTTCAAGGCTTATGCTCCACTGCTATGCTTTGTTGTAC	214
QY	186	CACAGACCTGGTCTAATGCAGAACTATCTCCAGATGATTTCTCAGGACACCTGGCAT	245
Db	215	CAAAATCTTGACAGATGACATCTGGCTGCCAGAGCGGCCCTCTGGAACCTGGTGT	274
QY	246	TTCTTCTCAGTACTGGTGA	264
Db	275	CTGTGCTCAGTGGGCTGA	293

RESULT 10
US-08-422-166-12
; Sequence 12, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man P.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-08-422-166-12

Query Match 54.3%; Score 143.8; DB 2; Length 798;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 65
Db 35 CAGACACTATGCTGCTTCCCATGCTTCCCATGCTGCTTTCCTGCC 94
QY 66 TGATGTTCTTCTTGGGTGGAAGTGAAGAATCTCAAAAGAAACTGCTTCTTCACGTA 125
Db 95 TCATGCTGCTGCTCAGGTTCAAGTGAAGAACCCAGAGGGAAGTCCCTCTGCACGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCTTATGCTGCTTATGCTATTCACGATTTTGTATAC 185
Db 155 TCGGCTGTCCAAAGGCTTCCAAAGGCTTATGGCTCCCACTGCTATGCTTTTGTGCAC 214
QY 186 CACAGACCTGGTCTAATGACAGACTATCTGCGCAGATGCTTCTCAGGACACCTGGCAT 245
Db 215 CAAATCTCGACAGATGACAGATCTGGCTTCCCAAGAGCGGCCCTCTGGAAACCTGTGT 274

QY 246 TTCTTCTCAGTACTGCTGTA 264
Db 275 CTGTGCTCAGTGGGCTGA 293
RESULT 11
US-09-146-969-2
; Sequence 2, Application US/09146969
; Patent No. 6228585
; GENERAL INFORMATION:
; APPLICANT: Dieckgraefe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucoasal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 2
; LENGTH: 798
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-969-2

Query Match 54.3%; Score 143.8; DB 3; Length 798;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 65
Db 35 CAGACACTATGCTGCTTCCCATGCTTCCCATGCTGCTTTCCTGCC 94
QY 66 TGATGTTCTTCTTGGGTGGAAGTGAAGAATCTCAAAAGAAACTGCTTCTTCACGTA 125
Db 95 TCATGCTGCTGCTCAGGTTCAAGTGAAGAACCCAGAGGGAAGTCCCTCTGCACGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCTTATGCTGCTTATGCTATTCACGATTTTGTATAC 185
Db 155 TCGGCTGTCCAAAGGCTTCCAAAGGCTTATGGCTCCCACTGCTATGCTTTTGTGCAC 214
QY 186 CACAGACCTGGTCTAATGACAGACTATCTGCGCAGATGCTTCTCAGGACACCTGGCAT 245
Db 215 CAAATCTCGACAGATGACAGATCTGGCTTCCCAAGAGCGGCCCTCTGGAAACCTGTGT 274
QY 246 TTCTTCTCAGTACTGCTGTA 264
Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 12
US-09-226-852-6
; Sequence 6, Application US/09226852
; Patent No. 6492499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/226,852

```
;
;
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: US/08/822,261
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PP-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
;
US-09-226-852-6
Query Match 54.3%; Score 143.8; DB 4; Length 798;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY 6 CAGTACATGATGCTCCCATGACCCCTCTGTAGATGCTGTGATGCTGCTTCCTGCC 65
Db 35 CAGACACTATGCTGCTCCCATGACCCCTCTGTAGATGCTGTGATGCTGCTTCCTGCC 94
QY 66 TGATGTTCTTTCTTGCTGGAAGTGAAGAAATCTCAAAAGAACTGCTTCTTCACGTA 125
Db 95 TCATGCTGCTCTCAGTTCAAGTGAAGAACCCAGAGGAAGTGCCTCTGCACGGA 154
QY 126 TAACCTGCTCCCAAGGCTCTGTAGCTATGGGTCCTATTGCTATCACTGATTTTGATAC 185
Db 155 TCGCTGTCCCAAGGCTCCCAAGGCTATGGCTCCCACTGCTATGCTGTTTTTGTCAC 214
QY 186 CAGACACTGCTTAATGACAGAACTATCTCCAGAGATGCTATTCAGGACACTGGCAT 245
Db 215 CAAATCCTGGACAGATGCAGATCTGGCTGCCAGAGAGCGCCCTCTGGAAACCTGGTGT 274
QY 246 TCTCTCTCAGTACTGGTGA 264
Db 275 CTGCTCAGTGGGCTGA 293

RESULT 13
US-07-778-156-1
; Sequence 1, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: P.C.
; ADDRESS: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

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;
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 793 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA to mRNA
; ORIGINAL SOURCE:
; ORGANISM: rat
; TISSUE TYPE: pancreas
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 62..613
;
US-07-778-156-1
Query Match 53.7%; Score 142.4; DB 1; Length 793;
Best Local Similarity 71.2%; Pred. No. 5.2e-39;
Matches 188; Conservative 0; Mismatches 76; Indels 0; Gaps 0;

QY 2 AAGACAGTACCATGATGCTTCCCATGACCCCTGTAGGATGCTTGGATGCTGCTTTCC 61
Db 50 ATGAGATTATATGTTGCAATCGCTTGGCTTCCAGTATGCTCTGATGCTGCTCTCC 109
QY 62 TGCCTGATGTTCTCTTCTTGGGTGGAAGTGAAGAAATCTCAAAAGAACTGCTTCTTCA 121
Db 110 TGCTGATGCTTATCACAGGTGCAAGGAGAGACTCTCCGAAGAAATACCTCTGCA 169
QY 122 GGTATACCTGCTCTCAAGCTCTGTAGCTATGGGTCTCTATGCTATGCTATGATTTG 181
Db 170 CGCATTTAGTTGCCCAAGGCTCCAGGCATATGGCTCTCTACTGCTATGCCCTTTTTCAG 229
QY 182 ATACCAGACCTGGTCTTAATGAGAACTATCTGCCAGATGCAATTTCTCAGGACACTG 241
Db 230 ATACCAGACCTGGTGTGATGAGAACTGCGCTGCCAGAGACCTGAGAGACCTT 289
QY 242 GCATTTCTCTCAGTACTGGTGA 265
Db 290 GATCTGCTCAATGTAGCTGAA 313

RESULT 14
US-08-422-166-1
; Sequence 1, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/422,166
FILING DATE: 14-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/778,156
FILING DATE: 19-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Obion, No. 5959086nan F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 793 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA to mRNA
ORIGINAL SOURCE:
ORGANISM: rat
TISSUE TYPE: pancreas
FEATURE:
NAME/KEY: CDS
LOCATION: 62..613
US-08-422-166-1

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Query Match	53.7%	Score 142.4	DB 2	Length 793
Best Local Similarity	71.2%	Pred. No. 5.2e-39		
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Db	50	ATGAGAGTTAATATGTTGCATCGCTTGGCCCTTCCAGTCAATGCTCGATGCTGCTCTCC	109	
Qy	62	TGCTGTGATGTCCTTTCTTGGTGGAGGTTGAAGAAATCTCAAAGAAACTGCCTTCTTCA	121	
Db	110	TGCCTGTGATGCTTTATCACAGGTGCAGAGGAAGACTCTCGAGAAAAATACCTCTGCA	169	
Qy	122	CGTATAACCTGTCTCAAGGCTCTGTAGCCCTATGGGTCCTATTGCTATTTCACCTGATTTG	181	
Db	170	CGCATTTAGTTGCCCCCAAAGGCTCCAGGCATATGGCTCTACTGCTATGCCCTGTTTCAG	229	
Qy	182	ATACCCAGACCTGGTCTATGCAGAACTATCCTGCCAGATGCAATTTCTCAGGACACCTG	241	
Db	230	ATACCCAGACCTGGTTTGTATGCAGAACTGGCCCTGCCAGAGACCTGAAGGACACCTT	289	
Qy	242	GCATTTCTTCTCAGTACTGGTGAA	265	
Db	290	GTATCTGTCTCAATGTAGCTGAA	313	

RESULT 15
US-07-778-156-4
; Sequence 4, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLOH, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,

ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,156
FILING DATE: 19911219
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Obion, No. 5436169man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 522 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: pancreas
US-07-778-156-4

Query Match	53.1%	Score 140.6	DB 1	Length 522
Best Local Similarity	72.5%	Pred. No. 1.8e-38		
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Qy	74	CTTCTTGGGTGAAGTGAAGATCTCAAAGAACTGCTCTTTCACGTATAACCTGT	133	
Db	61	CTGTCTCAGGTTCAAGTGAAGAACCCGAGGGACTGCCCTCTGCACGGATCCGCTGT	120	
Qy	134	CCTCAAGGCTCTGTAGGCTATGGTCTCTATTGCTATTCACTGATTTTGATACCAAGACC	193	
Db	121	CCCAAGGCTCCAAGGCCTATGGCTCCCACTGCTATGCTCTGTTTTGTACCAAAATCC	180	
Qy	194	TGGTCTTAATGCAGNACTATCCTCCAGCATGATTTCTCAGGACACCTGGGATTTCTTCTC	253	
Db	181	TGACAGATGCATCTGGGCTGCCAAGGGCCCTCTGGAACCTGGTGTCTGTGCTC	240	
Qy	254	AGTACTGGTGA	264	
Db	241	AGTGGGCTGA	251	

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Job time : 34.6273 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 02:55:42 ; Search time 189.286 Seconds
(without alignments)
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Perfect score: 265
Sequence: 1 CAAGACAGGTACCATGATGCTTCCTCTCAGTACTGGTGA 265

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 6445838

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA: *

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- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq:*
- 13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq2:*
- 14: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
- 17: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	265	100.0	747	16	US-10-421-363-2
2	245	92.5	586	9	US-09-739-262-3
3	164	61.9	525	17	US-10-231-494-18
4	143.8	54.3	797	15	US-10-316-761-5
5	143.8	54.3	798	15	US-09-739-262-2
6	143.8	54.3	798	15	US-10-316-761-6
7	143.8	54.3	807	12	US-09-997-722-149
8	143.8	54.3	940	9	US-09-925-301-171
9	142.4	53.7	781	16	US-10-191-803-235
10	141.8	53.5	461	9	US-09-925-301-711
11	140.6	53.1	528	12	US-09-997-722-150
12	139	52.5	762	15	US-10-316-761-2
13	139	52.5	859	9	US-09-978-295A-451
14	139	52.5	859	9	US-09-978-697-451

15	139	52.5	859	9	US-09-978-192A-451	Sequence 451, App
16	139	52.5	859	9	US-09-999-832A-451	Sequence 451, App
17	139	52.5	859	10	US-09-978-189-451	Sequence 451, App
18	139	52.5	859	10	US-09-978-608A-451	Sequence 451, App
19	139	52.5	859	10	US-09-978-585A-451	Sequence 451, App
20	139	52.5	859	10	US-09-978-191A-451	Sequence 451, App
21	139	52.5	859	10	US-09-978-403A-451	Sequence 451, App
22	139	52.5	859	10	US-09-978-564A-451	Sequence 451, App
23	139	52.5	859	10	US-09-999-833A-451	Sequence 451, App
24	139	52.5	859	10	US-09-981-913A-451	Sequence 451, App
25	139	52.5	859	10	US-09-978-824-451	Sequence 451, App
26	139	52.5	859	10	US-09-918-585A-451	Sequence 451, App
27	139	52.5	859	10	US-09-978-423A-451	Sequence 451, App
28	139	52.5	859	10	US-09-978-193A-451	Sequence 451, App
29	139	52.5	859	10	US-09-999-830A-451	Sequence 451, App
30	139	52.5	859	10	US-09-978-757A-451	Sequence 451, App
31	139	52.5	859	10	US-09-978-187B-451	Sequence 451, App
32	139	52.5	859	10	US-09-978-643A-451	Sequence 451, App
33	139	52.5	859	10	US-09-978-375A-451	Sequence 451, App
34	139	52.5	859	10	US-09-978-298A-451	Sequence 451, App
35	139	52.5	859	10	US-09-978-188A-451	Sequence 451, App
36	139	52.5	859	10	US-09-978-681A-451	Sequence 451, App
37	139	52.5	859	10	US-09-978-194A-451	Sequence 451, App
38	139	52.5	859	10	US-09-999-829A-451	Sequence 451, App
39	139	52.5	859	10	US-09-978-299A-451	Sequence 451, App
40	139	52.5	859	10	US-09-978-544A-451	Sequence 451, App
41	139	52.5	859	10	US-09-978-665A-451	Sequence 451, App
42	139	52.5	859	10	US-09-978-802A-451	Sequence 451, App
43	139	52.5	859	13	US-10-164-749A-451	Sequence 423, App
44	139	52.5	859	13	US-10-206-915-423	Sequence 423, App
45	139	52.5	859	13	US-10-199-670-423	Sequence 423, App

ALIGNMENTS

RESULT 1
US-10-421-363-2
; Sequence 2, Application US/10421363
; Publication No. US20040018623A1
; GENERAL INFORMATION:
; APPLICANT: Rosenberg, Lawrence
; TITLE OF INVENTION: MEDIUM FOR PREPARING DEDIFFERENTIATED CELLS
; FILE REFERENCE: 701826-05621-CIP
; CURRENT APPLICATION NUMBER: US/10/421,363
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: US 10/111,485
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: PCT/CA00/01284
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,137
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 747
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mammalian INGP
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (20)...(541)
US-10-421-363-2

Query Match 100.0%; Score 265; DB 16; Length 747;
Best Local Similarity 100.0%; Pred. No. 3.8e-83;
Matches 265; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CAAGACAGGTACCATGATGCTTCGCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTC 60
DB 4 CAAGACAGGTACCATGATGCTTCGCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTC 63

NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 797 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 262368
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-316-761-5

Query Match 54.3%; Score 143.8; DB 15; Length 797;
Best Local Similarity 72.2%; Pred. No. 3.9e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTAGGATGCTTTGGATGCTGCTTTCCGTGCC 65
DB 35 CAGACACTATGCTGCTCCCATGAGGCTGCCAGGTATCTTGGATGCTGCTTTCCGTGCC 94
QY 66 TGATGTTCCCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCTTTCCACGTA 125
DB 95 TCATGCTGCTGCTCTCAGSTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 154
QY 126 TAACCTGTCCTCAAGGCTCTCTAGCTATGGTCTCTATTGCTATTCACTGATTTGTATAC 185
DB 155 TCCGCTGTCCAAAGGCTTCCAGGCTATGCTCCACTGTATGCTTTTGTGTAC 214
QY 186 CACAGACCTGCTCTAATGTCAGAACTATCTCCAGAGATGCTATTTCTCAGGACACCTGGCAT 245
DB 215 CAAATCTCGACAGATGACAGTCTGGCTTCCAGAGCGCCCTCTGGAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264
DB 275 CTGTGCTCAGTGGGCTGA 293

RESULT 5
US-09-739-262-2
; Sequence 2, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraebe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739,262
; CURRENT FILING DATE: 2000-12-19
; PRIOR FILING DATE: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 798
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-2

Query Match 54.3%; Score 143.8; DB 9; Length 798;
Best Local Similarity 72.2%; Pred. No. 3.9e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTAGGATGCTTTGGATGCTGCTTTCCGTGCC 65
DB 35 CAGACACTATGCTGCTCCCATGAGGCTGCCAGGTATCTTGGATGCTGCTTTCCGTGCC 94
QY 66 TGATGTTCCCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCTTTCCACGTA 125

95 TCATGCTGCTGTCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 154
QY 126 TAACCTGTCCTCAAGGCTCTGTAGCCTTATGGTCTTATGCTATTCACTGATTTGTATAC 185
DB 155 TCCGCTGTCCAAAGGCTTCCAGGCTTATGGTCTCCACTGTATGCTTTTGTGTAC 214
QY 186 CACAGACCTGCTCTAATGTCAGAACTATCTCCAGAGATGCTATTTCTCAGGACACCTGGCAT 245
DB 215 CAAATCTCGACAGATGACAGTCTGGCTTCCAGAGCGCCCTCTGGAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264
DB 275 CTGTGCTCAGTGGGCTGA 293

RESULT 6
US-10-316-761-6
; Sequence 6, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Goll, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/316,761
; FILING DATE: 10-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/822,261
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-10-316-761-6

Query Match 54.3%; Score 143.8; DB 15; Length 798;
Best Local Similarity 72.2%; Pred. No. 3.9e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTAGGATGCTTTGGATGCTGCTTTCCGTGCC 65
DB 35 CAGACACTATGCTGCTCCCATGAGGCTGCCAGGTATCTTGGATGCTGCTTTCCGTGCC 94
QY 66 TGATGTTCCCTTCTTGGTGAAGGTGAAGATCTCAAAAGAACTGCTTTCCACGTA 125

Db 95 TCATGCTGCTGCTCAGGTTCAAGGTCAAGAACCCAGAGGGAACCTGCTTCGCACGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCTTATGGGTCCCTATTCTGCTATTCTACTGATTTTGATAC 185
Db 155 TCCGCTGTCCCAAGGCTCAAGGCTATGGCTCCCACTGCTATGCTGTTTGTTCAC 214
QY 186 CACAGACCTGGTCTAATGCAAGAACTATCTGCGCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 215 CAAATCTCGACAGATCAGATCTGGCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 275 CTGTGCTCAGTGGGGCTGA 293

RESULT 7

US-09-997-722-149
; Sequence 149, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 149
; LENGTH: 807
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-722-149

Query Match 54.3%; Score 143.8; DB 12; Length 807;
Best Local Similarity 72.2%; Pred. No. 3.9e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCCC 65
Db 53 CAGACACTATGCTGCTCCCATGGCCCTGCCAGTGTATCTGGATGCTGCTTCTGCCC 112
QY 66 TGATGTTCTCTTCTTGGGTGGAAGGTGAAGATCTCAAGAAAGAACTGCTTCTTACGTA 125
Db 113 TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGGAACCTGCTTCGCACGGA 172
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCTATGGGTCCCTATTGCTATTCTACTGATTTTGATAC 185
Db 173 TCCGCTGTCCCAAGGCTCAAGGCTATGGCTCCCATGCTATGCTGCTGTTTGTTCAC 232
QY 186 CACAGACCTGGTCTAATGCAAGAACTATCTGCGCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 233 CAAATCTCGACAGATCAGATCTGGCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 292
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 293 CTGTGCTCAGTGGGGCTGA 311

RESULT 8

US-09-925-301-171
; Sequence 171, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10

; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 171
; LENGTH: 940
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (8)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (12)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (919)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (935)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (938)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-925-301-171
Query Match 54.3%; Score 143.8; DB 9; Length 940;
Best Local Similarity 72.2%; Pred. No. 4.2e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCCC 65
Db 70 CAGACACTATGCTGCTCCCATGGCCCTGCCAGTGTATCTGGATGCTGCTTCTGCCC 129
QY 66 TGATGTTCTCTTCTTGGGTGGAAGGTGAAGATCTCAAGAAAGAACTGCTTCTTACGTA 125
Db 130 TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGGAACCTGCTTCGCACGGA 189
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCTATGGGTCCCTATTGCTATTCTACTGATTTTGATAC 185
Db 190 TCCGCTGTCCCAAGGCTCAAGGCTATGGCTCCCATGCTGCTGCTTGTGTTTGTTCAC 249
QY 186 CACAGACCTGGTCTAATGCAAGAACTATCTGCGCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 250 CAAATCTCGACAGATCAGATCTGGCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 309
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 310 CTGTGCTCAGTGGGGCTGA 328
RESULT 9
US-10-191-803-235
; Sequence 235, Application US/10191803
; Publication No. US20040014040A1
; GENERAL INFORMATION:
; APPLICANT: MENDRICK, Donna
; APPLICANT: PORTER, Mark
; APPLICANT: JOHNSON, Kory
; APPLICANT: HIGGS, Brandon
; APPLICANT: CASTLE, Arthur
; APPLICANT: ELASHOFF, Michael
; TITLE OF INVENTION: Cardiotoxin Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5090US
; CURRENT APPLICATION NUMBER: US/10/191,803
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: US 60/303,819
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US 60/305,623
; PRIOR FILING DATE: 2001-07-17
; CURRENT APPLICATION NUMBER: US 60/369,351

;; PRIOR FILING DATE: 2002-04-03
;; PRIOR APPLICATION NUMBER: US 60/377,611
;; PRIOR FILING DATE: 2002-05-06
;; NUMBER OF SEQ ID NOS: 1140
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 235
;; LENGTH: 781
;; TYPE: DNA
;; ORGANISM: Rattus norvegicus
;; FEATURE:
;; OTHER INFORMATION: Genbank Accession No. US20040014040A1 NM_053289
US-10-191-803-235

Query Match 53.7%; Score 142.4; DB 16; Length 781;
Best Local Similarity 71.2%; Pred. No. 1.2e-39;
Matches 188; Conservative 0; Mismatches 76; Indels 0; Gaps 0;

Qy 2 AAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCC 61
Db 48 ATGAGAGTTAAGATTGATCGTGTGGCTTCCAGTCATGCTCTGGATGCTCTCC 107
Qy 62 TGCCTGATGCTTCTTCTGTTGGTGAAGGTGAAGATCTCAAAAGAACTGCTTCTTCA 121
Db 108 TGCCTGATGCTTCTATACAGGTGCAAGGAGAGACTCTCCGAAGAAATACCCCTTCA 167
Qy 122 CGTATAACCTGCTCAAGGCTCTGTAGCCTATGGTCTTATGCTATTTCACTGATTTG 181
Db 168 CGCATTAGTTGCCCAAGGCTCCAGGCATATGGCTCTTCTACTGTATGCCCTGTTTCA 227
Qy 182 ATACACAGACCTGGTCTTAATGCAGAACTATCTGCCAGATGCAATTTCTCAGGACACCTG 241
Db 228 ATACACAGACCTGGTTTGTATGCAGAACTGGCTGCCAGAGAGACCTGAAGGACACTT 287
Qy 242 GCATTTCTTCTCAGTACTGGTGA 265
Db 288 GTATCTGTCTCAATGTAGCTGAA 311

RESULT 10
US-09-925-301-711
; Sequence 711, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2001-08-10
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 711
; LENGTH: 461
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)_
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (3)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (12)_
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (37)_
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (63)_

;; OTHER INFORMATION: n equals a,t,g, or c
;; NAME/KEY: misc_feature
;; LOCATION: (221)
;; OTHER INFORMATION: n equals a,t,g, or c
;; NAME/KEY: misc_feature
;; LOCATION: (337)
;; OTHER INFORMATION: n equals a,t,g, or c
;; NAME/KEY: misc_feature
;; LOCATION: (364)
;; OTHER INFORMATION: n equals a,t,g, or c
US-09-925-301-711

Query Match 53.5%; Score 141.8; DB 9; Length 461;
Best Local Similarity 71.4%; Pred. No. 1.5e-39;
Matches 185; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

Qy 6 CAGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCTGCC 65
Db 94 CAGACACTATGCTGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCTGCC 153
Qy 66 TGATGTTCTTCTTCTGGTGAAGGTGAAGATCTCAAAAGAACTGCTTCTTCACTA 125
Db 154 TCATGCTGCTGTCTCAGGTTCAAGGTGAAGAAACCCAGAGGAACTGCCCTCTGACCGA 213
Qy 126 TAACCTGTCTCAAGGCTCTGTAGCCTATGGGCTCTATTGCTATTCACTGATTTGATAC 185
Db 214 TCCGCTGNCCAAAGGCTCCAAAGGCTATGGCTCCACTGCTATGCTTGTGTTGTCAC 273
Qy 186 CACAGACCTGGTCTTAATGCAGAACTATCTGCCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 274 CAAATCTTGACAGATGCAATCTGGCTGCCAGAAAGCGCCCTCTGGAACACCTGGTGT 333
Qy 246 TTCTTCTCAGTACTGGTGA 264
Db 334 CTNGCTCAGTGGGCTGA 352

RESULT 11
US-09-997-722-150
; Sequence 150, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-7171/RWS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 150
; LENGTH: 528
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-722-150

Query Match 53.1%; Score 140.6; DB 12; Length 528;
Best Local Similarity 72.5%; Pred. No. 4.4e-39;
Matches 182; Conservative 0; Mismatches 69; Indels 0; Gaps 0;

Qy 14 ATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTTCTGCTGCTGATGTTTC 73
Db 1 ATGCTGCTCCCATGGCCCTGCCAGTGTATCTTGGATGCTGCTTCTGCTGCTCATGCTG 60
Qy 74 CTTCTTGGGTGAAGGTGAAGATCTCAAAAGAACTGCTTCTTCACTATTAACCTGT 133
Db 61 CTGCTCAGGTTCAAGGTGAAGAAACCCAGAGGAACTGCCCTCTGACGAGTCCGCTGT 120
Qy 134 CCTCAAGGCTCTGTAGCCTATGGGCTCTATTGCTATTCACTGATTTTGATACACAGACC 193

Db 121 CCCAAGGCTCCAAAGGCTATGGCTCCCACTGCTGCTGTTGTTTGTACCAAAATCC 180
QY 194 TGGTCTTAATGACAGACTATCTCCAGATGCATTTCTCAGACACCTGGCATTTCTCTC 253
Db 181 TGGACAGATGCATCTGGCTCCAGAGCGGCTCTGGAACCTGGTGTCTGTGCTC 240
QY 254 AGTACTGGTGA 264
Db 241 AGTGGGCTGA 251

RESULT 12

US-10-316-761-2
; Sequence 2, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/316,761
; FILING DATE: 10-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/822,261
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLNOT01
; CLONE: 2072483
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-316-761-2

Query Match 52.5%; Score 139; DB 15; Length 762;
Best Local Similarity 71.0%; Pred. No. 1.9e-38;
Matches 184; Conservative 0; Mismatches 75; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCTGCC 65
Db 106 CAGACATATGCTGCTCCCTCCCATGCTGCCCTGCCAGTGTGCTGATGCTGCTTCTGCC 165
QY 66 TGAATGTTCTTCTTGGGTGAAGGTGAAGAATCTCAAAGAACTGCCTTCTTCACGTA 125
Db 166 TCATTCTCTGTCTCAGGTTCAAGGTGAAGAACCCAGAGGAAGTCCCTCTCCACGA 225
QY 126 TAACCTGTCTCCTAAGGCTCTGTAGCCTATGGGTCCTATTGCTATTCACTGATTTGATAC 185

Db 226 TCAGCTGTCCAAAGGCTCCAAAGGCTATGGCTCCCTCTATGCTTCTTTTGTGCAC 285
QY 186 CACAGACCTGGTCTTANTGCAGAACTATCTGCCAGATGCATTTCTCAGGACACCTGGCAT 245
Db 286 CAAATCTTGGATGGATGGATGCAGATCTGGCTTGCAGAGCGGCTCTTGGAAAACTGGTGT 345
QY 246 TTCTTCTCAGTACTGCTGA 264
Db 346 CTGTGCTCAGTGGGCTGA 364

RESULT 13

US-09-978-295A-451
; Sequence 451, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/078936
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/078939
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/079294
 ; PRIOR FILING DATE: 1998-03-25
 ; PRIOR APPLICATION NUMBER: 60/079656
 ; PRIOR FILING DATE: 1998-03-26
 ; PRIOR APPLICATION NUMBER: 60/079664
 ; PRIOR FILING DATE: 1998-03-27
 ; PRIOR APPLICATION NUMBER: 60/079689
 ; PRIOR FILING DATE: 1998-03-27
 ; PRIOR APPLICATION NUMBER: 60/079663
 ; PRIOR FILING DATE: 1998-03-27
 ; PRIOR APPLICATION NUMBER: 60/079728
 ; PRIOR FILING DATE: 1998-03-27
 ; PRIOR APPLICATION NUMBER: 60/079786
 ; PRIOR FILING DATE: 1998-03-27
 ; PRIOR APPLICATION NUMBER: 60/079920
 ; PRIOR FILING DATE: 1998-03-30
 ; PRIOR APPLICATION NUMBER: 60/079923
 ; PRIOR FILING DATE: 1998-03-30
 ; PRIOR APPLICATION NUMBER: 60/080105
 ; PRIOR FILING DATE: 1998-03-31
 ; PRIOR APPLICATION NUMBER: 60/080107
 ; PRIOR FILING DATE: 1998-03-31
 ; PRIOR APPLICATION NUMBER: 60/080165
 ; PRIOR FILING DATE: 1998-03-31
 ; PRIOR APPLICATION NUMBER: 60/080194
 ; PRIOR FILING DATE: 1998-03-31
 ; PRIOR APPLICATION NUMBER: 60/080327
 ; PRIOR FILING DATE: 1998-04-01
 ; PRIOR APPLICATION NUMBER: 60/080328
 ; PRIOR FILING DATE: 1998-04-01
 ; PRIOR APPLICATION NUMBER: 60/080333
 ; PRIOR FILING DATE: 1998-04-01
 ; PRIOR APPLICATION NUMBER: 60/080334
 ; PRIOR FILING DATE: 1998-04-01
 ; PRIOR APPLICATION NUMBER: 60/081070
 ; PRIOR FILING DATE: 1998-04-08
 ; PRIOR APPLICATION NUMBER: 60/081049
 ; PRIOR FILING DATE: 1998-04-08
 ; PRIOR APPLICATION NUMBER: 60/081071
 ; PRIOR FILING DATE: 1998-04-08
 ; PRIOR APPLICATION NUMBER: 60/081195
 ; PRIOR FILING DATE: 1998-04-08
 ; PRIOR APPLICATION NUMBER: 60/081203
 ; PRIOR FILING DATE: 1998-04-09
 ; PRIOR APPLICATION NUMBER: 60/081229
 ; PRIOR FILING DATE: 1998-04-09
 ; PRIOR APPLICATION NUMBER: 60/081955
 ; PRIOR FILING DATE: 1998-04-15
 ; PRIOR APPLICATION NUMBER: 60/081817
 ; PRIOR FILING DATE: 1998-04-15
 ; PRIOR APPLICATION NUMBER: 60/081819
 ; PRIOR FILING DATE: 1998-04-15
 ; PRIOR APPLICATION NUMBER: 60/081952
 ; PRIOR FILING DATE: 1998-04-15
 ; PRIOR APPLICATION NUMBER: 60/081838
 ; PRIOR FILING DATE: 1998-04-15
 ; PRIOR APPLICATION NUMBER: 60/082568
 ; PRIOR FILING DATE: 1998-04-21
 ; PRIOR APPLICATION NUMBER: 60/082569
 ; PRIOR FILING DATE: 1998-04-21
 ; PRIOR APPLICATION NUMBER: 60/082704
 ; PRIOR FILING DATE: 1998-04-22
 ; PRIOR APPLICATION NUMBER: 60/082804
 ; PRIOR FILING DATE: 1998-04-22
 ; PRIOR APPLICATION NUMBER: 60/082700
 ; PRIOR FILING DATE: 1998-04-22
 ; PRIOR APPLICATION NUMBER: 60/082797

; PRIOR FILING DATE: 1998-04-22
 ; PRIOR APPLICATION NUMBER: 60/082796
 ; PRIOR FILING DATE: 1998-04-23
 ; PRIOR APPLICATION NUMBER: 60/083336
 ; PRIOR FILING DATE: 1998-04-27
 ; PRIOR APPLICATION NUMBER: 60/083322
 ; PRIOR FILING DATE: 1998-04-28
 ; PRIOR APPLICATION NUMBER: 60/083392
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083495
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083496
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083499
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083545
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083554
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083558
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083559
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083500
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083742
 ; PRIOR FILING DATE: 1998-04-30
 ; PRIOR APPLICATION NUMBER: 60/084366
 ; PRIOR FILING DATE: 1998-05-05
 ; PRIOR APPLICATION NUMBER: 60/084414
 ; PRIOR FILING DATE: 1998-05-06
 ; PRIOR APPLICATION NUMBER: 60/084441
 ; PRIOR FILING DATE: 1998-05-06
 ; PRIOR APPLICATION NUMBER: 60/084637
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084639
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084640
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084598
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084600
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084627
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084643
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/085339
 ; PRIOR FILING DATE: 1998-05-13
 ; PRIOR APPLICATION NUMBER: 60/085338
 ; PRIOR FILING DATE: 1998-05-13
 ; PRIOR APPLICATION NUMBER: 60/085323
 ; PRIOR FILING DATE: 1998-05-13
 ; PRIOR APPLICATION NUMBER: 60/085582
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085700
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085689
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085579
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085580
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085573
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085704
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.5%; Score 139; DB 9; Length 859;
 Best Local Similarity 71.0%; Pred. No. 2e-38;
 Matches 184; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

Qy	6	CAGGTACCATGATGCTCCCATGACCCCTCTGTAGATGTCITGGATGCTGCTTCTCTGCC	65
Db	78	CAGACACTATGCTGCTCCCATGCGCCCTGTGCTCGATGTCCTGCGATGCTGCTTCTCTGCC	137
Qy	66	TGATGTTCCCTTTCTGGGTGGAAGTGAAGATCTCAAAGAAATCGCTTCTTACAGTA	125
Db	138	TCAITCTCTGTGCAGGTTCAAGTGAAGAAACCCAGNAGGACTGCCCTCTCCACGA	197
Qy	126	TAACTGTCTCAAGGCTCTGTAGCTATGGGTCCATATGCTATTCACTGATTTTGATAC	185
Db	198	TCAGTGTGCCAAGGCTCCAAGGCTATGGCTCCCTCTGATGCTTGTGTTTGTCTAC	257
Qy	186	CACAGACTGTGCTAAATCGAGAACTATCTCTGCAGATGCATTTCTCAGACACCTGGCAT	245
Db	258	CAAAATCTCGATGGATGCGATCTGGCTTGCCAGAGCGGCCCTCTGAAACCTGGTG	317
Qy	246	TTCTTCTCAGTACTGGTGA	264
Db	318	CTGTGCTCAGTGGGGCTGA	336

RESULT 14

US-09-978-697-451
; Sequence 451, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918595
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641

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; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
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; PRIOR APPLICATION NUMBER: 60/082700
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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
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; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
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Query Match 52.5%; Score 139; DB 9; Length 859;
Best Local Similarity 71.0%; Pred. No. 2e-38;
Matches 184; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

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Db 138 TCATTCTCTGTCTCAGGTTCAAGGTGAGAGAACCCAGAGGAAGTGCCTCTCCACGA 197
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QY 126 TAACTGTCTCAAGCTCTGTAGCCCTATGGTCTTATTCCTATTCTACTGATTTGATAC 185
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QY 186 CACAGACCTGGTCTAATGACAGAACTATCTCTGCCAGATGCAATTTCTCAGGACACCTGGCAT 245
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RESULT 15
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; Sequence 451, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C9
; CURRENT APPLICATION NUMBER: US/09/978,192A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03

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; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      52.5%; Score 139; DB 9; Length 859;
Best Local Similarity 71.0%; Pred. No. 2e-38;
Matches 184; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

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Job time : 190.286 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 01:45:06 ; Search time 94,7909 Seconds
(without alignments)
4373.292 Million cell updates/sec

Title: US-09-717-095-1

Perfect score: 747

Sequence: 1 CTGCAAGACAGGTACCATGA.....AAATAAATGTCTATCAAC 747

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	536	71.8	558	1	US-08-909-725-4
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6	304.8	40.8	762	4	US-09-226-852-2
7	296.6	39.7	797	2	US-08-464-637-1
8	296.6	39.7	797	2	US-08-822-261-5
9	296.6	39.7	797	4	US-07-226-852-5
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12	287.2	38.4	798	2	US-08-422-166-12
13	287.2	38.4	798	3	US-09-146-969-2
14	287.2	38.4	798	4	US-09-226-852-6
15	279	37.3	793	1	US-07-778-156-1
16	279	37.3	793	2	US-08-422-166-1
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22	143.8	19.3	777	3	US-09-146-969-1
23	120.4	16.1	610	3	US-09-385-982-229
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25	102.2	13.7	590	2	US-08-340-426D-32
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27	102.2	13.7	590	5	PCT-US95-17111A-32

28	102	13.7	378	2	US-08-454-557C-16	Sequence 16, Appl
29	102	13.7	378	2	US-08-340-426D-16	Sequence 16, Appl
30	102	13.7	378	2	US-08-450-673C-16	Sequence 16, Appl
31	102	13.7	378	5	PCT-US95-17111A-16	Sequence 16, Appl
32	99.8	13.6	189	4	US-09-833-381-1878	Sequence 1878, Ap
33	94	12.6	94	1	US-08-909-725-1	Sequence 1, Appli
34	92	12.3	622	3	US-09-385-982-224	Sequence 224, App
35	86.4	11.6	659	3	US-09-385-982-319	Sequence 319, App
36	84	11.2	368	4	US-09-621-976-30	Sequence 30, Appl
37	73.4	9.8	308	1	US-07-778-156-9	Sequence 9, Appli
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40	59.4	8.0	325	4	US-09-833-381-1337	Sequence 1337, Ap
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45	46.6	6.2	140	2	US-08-807-861A-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1

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; Sequence 1, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetulus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541

US-08-709-662-1

Query Match	100.0%	Score 747;	DB 2;	Length 747;
Best Local Similarity	100.0%;	Prod. No. 1.7e-243;		
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Qy	241	CCTGGCATTTCTTCAGTACTGGTGAATTAACCTTCGTGTCTCCCTTGTGAAGAACAG	300	
Db	241	CCTGGCATTTCTTCAGTACTGGTGAATTAACCTTCGTGTCTCCCTTGTGAAGAACAG	300	
Qy	301	TTTCACGCGCTACCAAGTACATCTGGATTGGACTCCATGATCCCTCAGATGCTACATACC	360	
Db	301	TTTCACGCGCTACCAAGTACATCTGGATTGGACTCCATGATCCCTCAGATGCTACATACC	360	
Qy	361	CAACGGAAGTGGATGGAAGTGGAGCAGTTCCTCAATGTGCTGACCTTCATTAACCTGGAGAG	420	
Db	361	CAACGGAAGTGGATGGAAGTGGAGCAGTTCCTCAATGTGCTGACCTTCATTAACCTGGAGAG	420	
Qy	421	GAACCCCTCTATTGCTGCTGACCGTGGTATTGTGCGAGTTTGTGCTCAGAAATCAGGTTT	480	
Db	421	GAACCCCTCTATTGCTGCTGACCGTGGTATTGTGCGAGTTTGTGCTCAGAAATCAGGTTT	480	
Qy	481	TCAGAAGTGGAGAGATTTAATTTGTAAGAAATGAGCTTCCCTATATCTGCAAAATTCAGGT	540	
Db	481	TCAGAAGTGGAGAGATTTAATTTGTAAGAAATGAGCTTCCCTATATCTGCAAAATTCAGGT	540	
Qy	541	CTAGGGCAGTTCTAATTTCAACAGTTGAAAATTAATGAAGCTCAGATGGACAAGGAAG	600	
Db	541	CTAGGGCAGTTCTAATTTCAACAGTTGAAAATTAATGAAGCTCAGATGGACAAGGAAG	600	
Qy	601	CAAGTATGAGGATTCACCTCAGGAAGACAAGCTCTGCTCACAACCCACACCAATTCCTT	660	
Db	601	CAAGTATGAGGATTCACCTCAGGAAGACAAGCTCTGCTCACAACCCACACCAATTCCTT	660	
Qy	661	TATATCATCTCTGCTGTTTTTCTATCAGTATATTCTGTGGTGGCTGTAACTCAAGGCTC	720	
Db	661	TATATCATCTCTGCTGTTTTTCTATCAGTATATTCTGTGGTGGCTGTAACTCAAGGCTC	720	
Qy	721	AGAGAACAAAAATAAATGTCATCAAC	747	
Db	721	AGAGAACAAAAATAAATGTCATCAAC	747	

RESULT 2
US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenber, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INGPAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
;

481 TCAGAGTGGAGAGATTTTAATTCGAAATGAGCTTCCTATATCTGCAATTCAGGT 540
Db TCAGAGTGGAGAGATTTTAATTCGAAATGAGCTTCCTATATCTGCAATTCAGGT 540
481 TCAGAGTGGAGAGATTTTAATTCGAAATGAGCTTCCTATATCTGCAATTCAGGT 540
QY 541 CTAGGSCAGTCTTAATTTCAACAGCTTGAAATATATGAGCTTCACATGGACAAGGAG 500
Db 541 CTAGGSCAGTCTTAATTTCAACAGCTTGAAATATATGAGCTTCACATGGACAAGGAG 500
QY 601 CAAGTATGAGGATTCCTACTCAGGAAGAGCAAGCTCTGCCTACACCCACCAATTCCT 560
Db 601 TTAATATCATCTGCTGTTTTTCTTGAATATATGAGCTTCACATGGACAAGGAG 560
QY 661 TATATCATCTGCTGTTTTTCTATCAGTATATCTGCTGCTGCTTAACCTTAAGGCTC 720
Db 661 AAGTATGAGGATTCCTACTCAGGATATCAGTATATCTGCTGCTGCTTAAGGCTC 720
QY 721 AGAGAACAAAAAATAAATGTCATCAAC 747
Db 721 AGAGAACAAAAAATAAATGTCATCAAC 747
RESULT 3
US-09-146-969-3
; Sequence 3, Application US/09146969
; Patent No. 6228585
; GENERAL INFORMATION:
; APPLICANT: Dieckraefe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-969-3

Query Match 78.4%; Score 586; DB 3; Length 586;
Best Local Similarity 100.0%; Pred. No. 7.5e-189;
Matches 586; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 24 TTCCATGACCTCTGTAGATGCTTGGATGCTGCTTCTGCTGATGCTCTTCTT 83
Db 1 TTCCATGACCTCTGTAGATGCTTGGATGCTGCTTCTGCTGATGCTCTTCTT 60
QY 84 GGGTGGAGGTGAAGATCTCAAGAACTGCTTCTCAAGTATTAACCTGCTCAAG 143
Db 61 GGGTGGAGGTGAAGATCTCAAGAACTGCTTCTCAAGTATTAACCTGCTCAAG 120
QY 144 GCTCTGAGCCTATGGTCTCTTATGCTATTCATGATTTGATACCAAGCTGGCTA 203
Db 121 GCTCTGAGCCTATGGTCTCTTATGCTATTCATGATTTGATACCAAGCTGGCTA 180
QY 204 ATGAGAACTATCTGCGAGATGATTTCTCAGACACCTGGATTTCTCAGTACTG 263
Db 181 ATGAGAACTATCTGCGAGATGATTTCTCAGACACCTGGATTTCTCAGTACTG 240
QY 264 GTGAATTTACCTCTGCTGCTTCTGTAAGAACAGTTTTCAGCGCTTACCAGTACATCT 323
Db 241 GTGAATTTACCTCTGCTGCTTCTGTAAGAACAGTTTTCAGCGCTTACCAGTACATCT 300
QY 324 GGATTTGAGTCCATGATCCCTCAGATGATACACTACCAACGGAAGTGGATGGA 383
Db 301 GGATTTGAGTCCATGATCCCTCAGATGATACACTACCAACGGAAGTGGATGGA 360
QY 384 GCAGTTCAATGTGCTGACCTTCTATTAACCTGGAGAGGAAACCCCTCTATGCTGCTACC 443
Db 361 GCAGTTCAATGTGCTGACCTTCTATTAACCTGGAGAGGAAACCCCTCTATGCTGCTACC 420
QY 444 GTGGTATTTGCTGCTTCTCAGAAATCAGGTTTTTTCAGAGTGGAGATTTTAAT 503

421 GGGTATTTGTCAGTTTTTGTCTCAGAAATCAGGTTTTTCAGAAATGAGAGATTTTAAT 480
QY 504 GTGAAATGAGCTTCCTATATCTGCAATTCAGGCTTAGGCACTTCTAATTTCAACA 563
Db 481 GTGAAATGAGCTTCCTATATCTGCAATTCAGGCTTAGGCACTTCTAATTTCAACA 540
QY 564 GCTTGAAATATTTATGAAGCTCACATGGACAAGGAGCAAGTATGA 609
Db 541 GCTTGAAATATTTATGAAGCTCACATGGACAAGGAGCAAGTATGA 586
RESULT 4
US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: INGP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-909-725-4

Query Match 71.8%; Score 536; DB 1; Length 558;
Best Local Similarity 99.1%; Pred. No. 7e-172;
Matches 539; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 86 GTGAAAGTGAAGATCTCAAGAACTGCTTCTTCAAGTATTAACCTGCTCAAGGC 145
Db 3 GCGGATCCCGAAGATCTCAAGAACTGCTTCTTCAAGTATTAACCTGCTCAAGGC 62
QY 146 TCTGTAGCCTATGGTCTCTATTGCTATTCTGATTTTGTATACCAAGACCTGCTTAAT 205
Db 63 TCTGTAGCCTATGGTCTCTATTGCTATTCTGATTTTGTATACCAAGACCTGCTTAAT 122
QY 206 GCAGAACTATCTCTCCAGATGCAATTTCTCAGGACACCTGGCAATTTCTTCTCAGTACTGGT 265

Db 123 CGAAGACTACCTGCCAGATGCAATTTCTCAGGACACCTGGCAATTTCTTCAGTACTGGT 182
QY 266 GAAATACCTTCGTGTCCTCCCTTGTGAAGAACAGATTTGACGGCCTACCACTACATCTGG 325
Db 183 GAAATACCTTCGTGTCCTCCCTTGTGAAGAACAGATTTGACGGCCTACCACTACATCTGG 242
QY 326 ATTGGACTCCATGATCCCTCACATGTTACACTACCAACGGAAGTGGAGTGGAGC 385
Db 243 ATTGGACTCCATGATCCCTCACATGTTACACTACCAACGGAAGTGGAGTGGAGC 302
QY 386 AGTTCAATGCTGACCTTCTATACTGGGAGGAAACCCCTCTATTCGCTGACCGT 445
Db 303 AGTTCAATGCTGACCTTCTATACTGGGAGGAAACCCCTCTATTCGCTGACCGT 362
QY 446 GGTATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTTCAGAAGTGGAGAGATTTAATTGT 505
Db 363 GGTATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTTCAGAAGTGGAGAGATTTAATTGT 422
QY 506 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGTTAGGGCAGTTCTAATTTCAACAGC 565
Db 423 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGTTAGGGCAGTTCTAATTTCAACAGC 482
QY 566 TTGAAAATATTATGAGCTCACATGCAAGGAGCAAGTATCAGGATTCACCTCAGGAG 625
Db 483 TTGAAAATATTATGAGCTCACATGCAAGGAGCAAGTATGAGGATTCACCTCAGGAG 542
QY 626 AGCA 629
Db 543 AGCA 546

RESULT 5

US-08-822-261-2
; Sequence 2, Application US/08822261
; Patent No. 5915813

GENERAL INFORMATION:

; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Incyte Pharmaceuticals, Inc.

; STREET: 3174 Porter Drive

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

; ZIP: 94304

COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: Fast-Seq for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/822,261

; FILING DATE: Filed Herewith

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Billings, Lucy J.

; REGISTRATION NUMBER: 36,749

; REFERENCE/DOCKET NUMBER: PF-0251 US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-855-0555

; TELEFAX: 415-845-4166

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 762 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISL/NOT01
; CLONE: 2072483
US-08-822-261-2

Query Match 40.8%; Score 304.8; DB 2; Length 762;

Best Local Similarity 67.1%; Pred. No. 3e-93;

Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCTCTGTAGATGCTTGGATGCTGCTTCCTGCC 68
Db 106 CAGACATATGCTGCTCCCATGCTCCCATGCTCCCATGCTCCCATGCTGCTTCCTGCC 165

QY 69 TCATGTTCTCTTCTTTGGGTGGAAGTGAAGATCTCAAAAGAAACTGCCCTTCTCACGTA 128
Db 166 TCATTTCTCTGCTGCTCAGGTTCAAGGTGAAGAAACCCAGAGGAACCTGCCCTCTCCACGGA 225

QY 129 TAACCTGTCTCAAGGCTCTGTAGCTATGGCTCTCTATTGCTTATTCACCTGATTTTGATAC 188
Db 226 TCAGCTGTCCCAAGGCTCCAAAGGCTATGGCTCCCTGCTATGCTTGTGTTTGTGCAC 285

QY 189 CACAGACCTGGTCTAATGCAGAACTATCCTGCCAGATGCAATTTCTCAGACACCTGGCAT 248
Db 286 CAAAATCCTGGATGATGATGATGCTGGCTTGCAGAAGCGGCCCTCTGGAAAACCTGGTGT 345

QY 249 TTCTTCTCAGTACTGCTGAAATTTACCTTCTGCTGCTCCCTTCTGAAGAACAGTTTGACGG 308
Db 346 CTGTGCTCAGTGGGCTGAGGATCCTTCTGCTGCTCCCTGCTGAGGACCATAGTAACA 405

QY 309 CCTACCATGATCTGGATTTGGATTCCTCATGATCCCTCATGCTACCTACCTACCCACGGAA 368
Db 406 GCTACTCATACATCTGGATTTGGGCTCCATGACCCACACAGGGCTCTGAGCCTGATGGAG 465

QY 369 GTGGATGGAAGTGGAGAGATTCATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 428
Db 466 ATGGATGGGATGGAGTAGCACTGATGATGATGATGATGATGATGATGATGATGATGATGAT 525

QY 429 CTATTGCTGCTGACCGTGGTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 488
Db 526 CCACCATCTTAACCCCTGGCCACTGTGGAGGCTGTCAAGAGACACAGGATTTCTGAAGT 585

QY 489 GGAGAGATTTAATTTGTAAGTTCCTCTATCTGCAAAATTCAGGATTCAGGCTTATAGGCA 548
Db 586 GGAAGATTAATACTGCTGATGCAAAAGTTACCTATGCTGCAAGTTCAAGGACTAGGGCA 645

QY 549 GTTCTAATTTCAACAGCTTGAAATATTATGAGCTCACATGCAAGGACCAAGTATG 608
Db 646 GGTGGAGATCAGCAGCCTCAGCTTGGCGTGAGCTCATATGAGACATGAGACCAAGTGTG 705

QY 609 AGGATTCACCTCAGGAAGACCAAGCTCTGCTGCTACACACCCACACC 652

Db 706 AAGACTCACCTCGGAGAGATATTCTCCCAAACTGCCCTACC 749

RESULT 6

US-09-226-852-2

; Sequence 2, Application US/09226852

; Patent No. 6492499

; GENERAL INFORMATION:

; APPLICANT: Hillman, Jennifer L.

; APPLICANT: Goli, Surya K.

; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED

; TITLE OF INVENTION: PROTEIN

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Incyte Pharmaceuticals, Inc.

; STREET: 3174 Porter Drive

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

; ZIP: 94304

; COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/226,852
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/822,261
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 762 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: ISLNOT01
CLONE: 2072483
US-09-226-852-2

Query Match 40.8%; Score 304.8; DB 4; Length 762;
Best Local Similarity 67.18; Pred. No. 3e-93;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTGTGGATGCTGTTCCTGCCC 68
DB 106 CAGACACTATGCTGCTCCCATGACCTCTGCCAGTGTGCTGGATGCTGTTCCTGCCC 165
QY 69 TGATGTTCTTCTTGGTGGAGGTGAAGATCTCAAGAACTGCTTCTTCAAGTA 128
DB 166 TCATTCCTCTGTGTCAGGTTCAAGGTGAAGAACTGCTTCTTCAAGTA 225
QY 129 TAACCTGTCTCAAGGCTCTGTAGCTATGCTGCTTATGCTATCTACTGATTTGTATAC 188
DB 226 TCAGCTGTCCCAAGGCTCCAGGCTATGCTCCCTGCTATGCTTGTGTTTGTAC 285
QY 189 CACAGACCTGTCTTAATGCAGAACTATCTCCAGATGCATTTCTCAGGACCTGGCAT 248
DB 286 CAAATCTCGATGATGCAGATCTGGCTTCCAGAGGCGCCCTCTGGAATCTGGTGT 345
QY 249 TTCTTCTCAGTACTGGTGAATTAACCTTCGTCCTGCTGCTTGTGAAGAACAGTTGACGG 308
DB 346 CTGTGCTCAGTGGGCTGAGGATCTCTGCTGCTCCTCCCTGGAGGAGCATAGTAACA 405
QY 309 CCTACCATGATCTGGATGGAATCCATGATCCCTCAGATGCTACATACCAACGAA 368
DB 406 GCTACTCATACATCTGATTTGGGCTCCATGATCCCAACAGGCTCTGAGCTGATGAG 465
QY 369 GTGGATGGAAGTGGAGCAGTTCATATGCTGCTGACCTTCTTAATCTGGAGAGGACCCCT 428
DB 466 ATGGATGGAGTGGAGTAGCATGATGATGATTAATCTTGTGATGGAGAGGAAATCCCT 525
QY 429 CTATTTGCTGCTGACCGTGGTATTTGTGTCAGTTTGTCTCAGAAATCAGGTTTTCAGAGT 488
DB 526 CCACCATCTTAACCCCTGGCCACTGTGGGAGCCCTGTCAAGAGCAGCAGGATTTCTGAAGT 585
QY 489 GGAGAGATTTAAATTTGCAAAATGAGCTTCCCTATATCTGCAAAATTCAGGCTTAGGGCA 548
DB 586 GGAAGATTTAACTGTGATGCAAAAGTTACCTATGCTGCAAGTTCAAGGACTAGGGCA 645
QY 549 GTTCTTAATTTCAACAGCTTGAATAATTTATGAAGCTCACTGGACAGGAAGCAAGTATG 608
DB 646 GGTGGGAAGTCAGCAGCCCTCAGCTTGGCGTGCAGCTCATCATGACATGAGACCAAGTGTG 705

QY 609 AGGATTCACTCAGGAAGAGCAAGCTCTGCTACACACACACACAC 652
DB 706 AGACTCACCTGGAAGAGATATTTCTCCCAACTGCGCTTACC 749
RESULT 7
US-08-464-637-1
Sequence 1, Application US/08464637
Patent No. 5834214
GENERAL INFORMATION:
APPLICANT: Iovanna, Juan-Lucio
APPLICANT: Dagorn, Jean-Charles
APPLICANT: Keim, Volker
APPLICANT: Sarles, Jacques
TITLE OF INVENTION: Detection of Pancreatitis-Associated
TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
TITLE OF INVENTION: Disease (as amended)
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
STREET: P.O. Box 747
CITY: Falls Church
STATE: Virginia
COUNTRY: USA
ZIP: 22040-3487
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,637
FILING DATE: 30-AUG-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 2121-107P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 797 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: 43..567
OTHER INFORMATION: /product= "human"
OTHER INFORMATION: Pancreatitis-associated protein"
OTHER INFORMATION: /note= "see, Fig. 3"
US-08-464-637-1

Query Match 39.7%; Score 296.6; DB 2; Length 797;
Best Local Similarity 65.8%; Pred. No. 1.9e-90;
Matches 431; Conservative 0; Mismatches 224; Indels 0; Gaps 0;

QY 9 CAGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTGTGGATGCTGTTCCTGCCC 68
DB 35 CAGACACTATGCTGCTCCCATGACCTCTGCCAGTGTATCTTGGATGCTGTTCCTGCCC 94
QY 69 TGATGTTCTTCTTGGTGGAGGTGAAGATCTCAAGAACTGCTTCTTCAAGTA 128
DB 95 TCATGCTGCTGTCTCAGGTTCAAGTGAAGAACCCAGAGGAACTGCTTCTGACGGA 154
QY 129 TAACCTGTCTCAAGGCTCTGTAGCCTATGCTTATGCTATTCATGATTTGTATAC 188

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Db 155 TCCGCTGTCCCAAGGCTCAAGGCTATGGCTCCCACTGCTATGCTTGTGTCAC 214
QY 189 CACAGACCTGGTCTAATGTCAGACTATCTGCGCAGATGATTTCTCAGGACACCTGGCAT 248
Db 215 CAAATCTCTGGAGAGATGAGATCTGGCTGCGAGAAAGCGGCTCTGGAACCTGGTGT 274
QY 249 TTCTTCTCAGTACTGCTGGAATTTACCTTCTGTCCTCCCTTGTGGAAGAACAGTTTGACGG 308
Db 275 CTGTGCTCAGTGGGCTGAGGATCTTCTGTGCTCTCCCTGTGGAAGACATTTGTAACA 334
QY 309 CTTACAGTACATCTGGATGGATGATCCATGATCCCTCAATGTAACATGTAACATCCCAAGGAA 368
Db 335 GCTACTCATACGCTCTGGATGGGCTCCATGACCCACACAGGGCACCGGCCCAATGGAG 394
QY 369 GTGGATGGAAGTGGAGCAGTCCAAATGTCGACCTTCTATCTGGAAGAACAGTTTGACGG 428
Db 395 AGGTTGGAGTGGAGTACAGTATGATGATTTGATGATTTGATGGAAGAAATCCCT 454
QY 429 CTATTGCTCTGACCGTGGTATTATGTCAGTCTTCTCAGAAATCAGGTTTTCAGAAAT 488
Db 455 CCACCATCTCAAGCCCGGCCACTGTGCGAGCCTGTGGAAGACACAGCATTTCTGAGGT 514
QY 489 GGAGAGATTTAATGTCGAAATGAGCTTCCCTATATCTGAAATTTCAAGGCTTAGGGCA 548
Db 515 GGAAAGATTTAATGTCGAGGTACCTTACCTTATGTCGAAATTTCACTGACTAGTGCA 574
QY 549 GTTCTAATTTCAACAGCTTGAAATATTATGAGCTTCACATGACAGGACAGCAAGTATG 608
Db 575 GGAGGAAGTACAGCCTGTGTTGGTGTGCACTCATCTGCGGATGAGACCATGTGTG 634
QY 609 AGGATTCATCAGGAGAACAGCTCTGCTACACACCCACCAATTCCTTAT 663
Db 635 AGGACTCACCTGGAAGAAATATTCGCTTAATTCCTCCCACTGACCACTCAT 689
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RESULT 8

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US-08-822-261-5
; Sequence 5, Application US/0882261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEPATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; US-08-822-261-5
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Query Match 39.7%; Score 296.6; DB 2; Length 797;
Best Local Similarity 65.8%; Pred. No. 1.9e-90;
Matches 431; Conservative 0; Mismatches 224; Indels 0; Gaps 0;
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QY 9 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTCTGCG 68
Db 35 CAGACATATGCTGCTCCATGGCCCTGCCAGTGTATCTTGGATGCTGCTTCTGCG 94
QY 69 TGATGTTCCCTTTCTTGGTGGAGGTGAAGAATCTCAAAAGAAACTGSCCTTCTTCA 128
Db 95 TCATGCTGCTGTCTCAGGTTCAGGTGAAGAACCCAGAGGGAACCTGCTCTGCA 154
QY 129 TAACTGCTCTCAAGCTCTGTAGCTATGGTCTCTATTTGCTATTTCACTGATTTG 188
Db 155 TCCGCTGTCCAAAGGCTTCAAGGCTATGGCTCCCACTGCTATGCTTGTGTCAC 214
QY 189 CACAGACCTGCTAATGTCAGAACTATCTGTCGACAGATGATTTCTCAGGACAC 248
Db 215 CAAATCTTGGACAGATGAGATCTGGCTGCGAAGCGGCCCTCTGGAACCTG 274
QY 249 TTCTTCTCAGTACTGGTGAATTTACCTTCTGCTCTCTCTCTCTGTAAGAACAG 308
Db 275 CTGTGCTCAGTGGGCTGAGGATCTTCTGCTCTCTCTCTCTGTAAGACATTTG 334
QY 309 CTTACAGTACATCTGATTTGATTTGATTTGATTTGATTTGATTTGATTTGAT 368
Db 335 GCTACTCATACCTCTGGATTTGGCTTCCATGACCCACAGGGCACCGGACCAAT 394
QY 369 GTGGATGGAAGTGGAGCAGTTCCTCAATGTCGCTCACTCTTATTAATGGAAG 428
Db 395 AGGTTGGAGTGGAGTACAGTATGATGATTTGATTTGATTTGATTTGATTTG 454
QY 429 CTATTGCTCTGACCGTGGTATTATGTCAGTCTTCTCAGAAATCAGGTTTTCAG 488
Db 455 CCACCATCTCAAGCCCGGCCACTGTGCGAGCCTGTGGAAGACACAGCATTTCT 514
QY 489 GGAGAGATTTAATGTCGAAATGAGCTTCCCTATATCTGAAATTTCAAGGCT 548
Db 515 GGAAAGATTTAATGTCGAGGTACCTTACCTTATGTCGAAATTTCACTGACTAG 574
QY 549 GTTCTAATTTCAACAGCTTGAAATATTATGAGCTTCACATGACAGGACAGCA 608
Db 575 GGAGGAAGTACAGCCTGTGTTGGTGTGCACTCATCTGCGGATGAGACCATGT 634
QY 609 AGGATTCATCAGGAGAACAGCTCTGCTACACACCCACCAATTCCTTAT 663
Db 635 AGGACTCACCTGGAAGAAATATTCGCTTAATTCCTCCCACTGACCACTCAT 689
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RESULT 9

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US-09-226-852-5
; Sequence 5, Application US/09226852
; Patent No. 6492499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEPATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
```


; ORIGINAL SOURCE:
 ; ORGANISM: rat
 ; TISSUE TYPE: pancreas
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 62..613
 US-07-778-156-1

Query Match 37.3%; Score 279; DB 1; Length 793;
 Best Local Similarity 65.6%; Pred. No. 1.8e-84;
 Matches 422; Conservative 0; Mismatches 220; Indels 1; Gaps 1;

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QY	65	TGCTGATGTTCTTTCTGGTGGAGGTTGAAGAATCTCAAAAGAAACTGCCCTTTCTCA	124
Db	110	TGCTGATGCTTTATCACAGGTGCAAGGAGAGACTCTCGAAGAAATACCCCTCTGCA	169
QY	125	CGTAAACCTGCTCAAGCTCTGTAGCTCTATGGTCTCTATTTGCTATTTG	184
Db	170	CGCATTTAGTTGCCCAAGGCTCCAGGCATATGGCTCTACTGCTATGCCCTGTTTCAG	229
QY	185	ATACCACAGACCTGGTCTAATGAGAACTATCCTGCCAGATGCAATTTCTCAGGACACTG	244
Db	230	ATACCACAGACCTGGTGTGATGCAAACTGGCTGCCAGAGAGACCTGAGGACACTT	289
QY	245	GCATTTCTTCTCAGTACTGTTGAATTTACCTTCGTCTCCCTTGTGAAGAACAGTTTG	304
Db	290	GTATCTGTCTCAATGTAGCTGAAGCTTCATTTCTGGCATCCATGGTCAAGAACACTGGA	349
QY	305	ACGCCCTACAGTACATCTGGATTGGAGCTGATGCTCCCTCACATGCTACACTACCGAAC	364
Db	350	AACAGCTACCAATATACCTGGATTGGACTCCATGACCCCACTCTTGGTGGAGAACCCAA	409
QY	365	GGAGTGGATGGAGTGGAGCAGTTCCAAATGTGCTGACCTTCTATATACTGGGAGAGAAC	424
Db	410	GGAGTGGATGGAGTGGAGTAAACAATGACATATGATTAATGTCACCTGGGAGAGAAC	469
QY	425	CCCTCTATTGCTGCTGACCGTGGTTATTGTGACGTTTTTGTCTCAGAAATCAGGTTTTAG	484
Db	470	CCATCTACTGCTTAGACCGCGGATTTCTGTGGCAGCTTGTCAAGATCTTCTGGATTTCTA	529
QY	485	AAGTGGAGAGATTTTAATTTGTAATG-AGCTTCCCTATATCTGCAATTCAGGTCTA	543
Db	530	AGATGGAGAGATACCAATGTGAAGTTGAAGTTGCCCTTACGCTGCAAAATTTACAGTTA	589
QY	544	GGGAGTTCTTAATTTCAACAGCTTGAATAATTTATGAAGCTTCATGCAAGGAGGACAA	603
Db	590	AAATTACCAGACAGCAACAGCTTTAGTTTGTCTGAGCACATCTCTCAAGGGGCAAA	649
QY	604	GTATGAGATTTACTCAGGAAGACAGCTCTGCTACACACC	646
Db	650	ATATGAAGACTTGGGTAGAAAAAGTGATTTCTATCTACAGTCC	692

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 Job time : 98.7909 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 02:55:42 ; Search time 533.571 Seconds
(without alignments)
6864.396 Million cell updates/sec

Title: US-09-717-095-1

Perfect score: 747

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Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 6445838

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

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19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	599.8	80.3	747	16	US-10-421-363-2
2	586	78.4	586	9	US-09-739-262-3
3	333.6	44.7	525	17	US-10-231-494-18
4	304.8	40.8	762	15	US-10-316-761-2
5	304.8	40.8	859	9	US-09-978-295A-451
6	304.8	40.8	859	9	US-09-978-697-451
7	304.8	40.8	859	9	US-09-978-192A-451
8	304.8	40.8	859	9	US-09-999-832A-451
9	304.8	40.8	859	10	US-09-978-189-451
10	304.8	40.8	859	10	US-09-978-608A-451
11	304.8	40.8	859	10	US-09-978-585A-451
12	304.8	40.8	859	10	US-09-978-191A-451
13	304.8	40.8	859	10	US-09-978-403A-451
14	304.8	40.8	859	10	US-09-978-564A-451

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15 304.8 40.8 859 10 US-09-999-833A-451 Sequence 451, App
16 304.8 40.8 859 10 US-09-981-915A-451 Sequence 451, App
17 304.8 40.8 859 10 US-09-978-82A-451 Sequence 451, App
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35 304.8 40.8 859 13 US-10-164-749A-451 Sequence 451, App
36 304.8 40.8 859 13 US-10-206-915-423 Sequence 423, App
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38 304.8 40.8 859 13 US-10-201-858-423 Sequence 423, App
39 304.8 40.8 859 13 US-10-081-056-119 Sequence 119, App
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41 304.8 40.8 859 13 US-10-205-890-423 Sequence 423, App
42 304.8 40.8 859 13 US-10-208-024-423 Sequence 423, App
43 304.8 40.8 859 13 US-10-201-853-423 Sequence 423, App
44 304.8 40.8 859 13 US-10-013-917A-451 Sequence 451, App
45 304.8 40.8 859 13 US-10-174-581-423 Sequence 423, App

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ALIGNMENTS

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RESULT 1
US-10-421-363-2
; Sequence 2, Application US/10421363
; Publication No. US20040018623A1
; GENERAL INFORMATION:
; APPLICANT: Rosenberg, Lawrence
; TITLE OF INVENTION: MEDIUM FOR PREPARING DEDIFFERENTIATED
; FILE OF INVENTION: CELLS
; FILE REFERENCE: 701826-05621-CIP
; CURRENT APPLICATION NUMBER: US/10/421,363
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: US 10/111,485
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: PCT/CA00/01284
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,137
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 747
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mammalian INGP
; NAME/KEY: CDS
; LOCATION: (20)...(541)
US-10-421-363-2

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Query Match 80.3%; Score 599.8; DB 16; Length 747;

Best Local Similarity 87.7%; Pred. No. 5.8e-187; Indels 0; Gaps 0;

Matches 655; Conservative 0; Mismatches 92;

Qy 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCT 60

Db 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCT 60

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QY 61 TTCCTGCTGATGTTCTCTTCTTGGTGAAGGTGAAGAAATCTCAAAAGAAACTGCCTTC 120
Db 61 TTCCTGCTGATGTTCTCTTCTTGGTGAAGGTGAAGAAATCTCAAAAGAAACTGCCTTC 120

QY 121 TTCACGTATAACCTGCTCCTCAAGGCTCTGAGGCTATGGGTCTCTATTGCTATTCACTGAT 180
Db 121 TTCACGTATAACCTGCTCCTCAAGGCTCTGAGGCTATGGGTCTCTATTGCTATTCACTGAT 180

QY 181 TTGTATACCAACAGACCTGCTTAATGCAGAACTATCTGSCAGATGCAATTTCTCAGGACA 240
Db 181 TTGTATACCAACAGACCTGCTTAATGCAGAACTATCTGSCAGATGCAATTTCTCAGGACA 240

QY 241 CTTGGCAATTTCTTCTCAGTACTGGTGAATTAACCTTCGTCCTCTCCCTTGTGAAGAACAG 300
Db 241 CTTGGCAATTTCTTCTCAGTACTGGTGAATTAACCTTCGTCCTCTCCCTTGTGAAGAACAG 300

QY 301 TTGTAGCGGCTACAGTACATCTGGAATTGGAATTCCTCAATGCTGACCTTCTATAACTGGGAG 360
Db 301 TTGTAGCGGCTACAGTACATCTGGAATTGGAATTCCTCAATGCTGACCTTCTATAACTGGGAG 360

QY 361 CAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAATGCTGACCTTCTATAACTGGGAG 420
Db 361 CAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAATGCTGACCTTCTATAACTGGGAG 420

QY 421 GAACCCCTCTATTGCTGCTGACCGTGGTATTGTCAGATTTTGTCTCAGAAATCAGGTTT 480
Db 421 GAACCCCTCTATTGCTGCTGACCGTGGTATTGTCAGATTTTGTCTCAGAAATCAGGTTT 480

QY 481 TCAGAGTGGAGAGATTTAAATTTGGAATGAGCTTCCCTATATCTGCAAAATTCAGGT 540
Db 481 TCAGAGTGGAGAGATTTAAATTTGGAATGAGCTTCCCTATATCTGCAAAATTCAGGT 540

QY 541 CTAGGGCAGTTCTAAATTTCAACAGCTTGAATATTATGAAGCTTCATGGAAGGAAG 600
Db 541 CTAGGGCAGTTCTAAATTTCAACAGCTTGAATATTATGAAGCTTCATGGAAGGAAG 600

QY 601 CAAGTATGAGGATTCCTCAGGAAGAGCAAGCTCTGCTACACACCCACCAATTCCTT 660
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QY 661 TATATCATCTCTGCTGTTTTCTATCAGTATATTCTGTGGTGGCTGTAACCTAAAGCTC 720
Db 661 TATATCATCTCTGCTGTTTTCTATCAGTATATTCTGTGGTGGCTGTAACCTAAAGCTC 720

QY 721 AGAACAACAAATATAAATGTCATCAAC 747
Db 721 AGAACAACAAATATAAATGTCATCAAC 747
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RESULT 2

US-09-739-262-3

; Sequence 3, Application US/09739262

; Patent No. US20020031767A1

; GENERAL INFORMATION:

; APPLICANT: Dieckgrafe, Brian K.

; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury

; FILE REFERENCE: 04255.75314

; CURRENT APPLICATION NUMBER: US/09/739,262

; PRIOR FILING DATE: 2000-12-19

; PRIOR APPLICATION NUMBER: 09/146,969

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 3

; LENGTH: 586

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-739-262-3

Query Match 78.4%; Score 586; DB 9; Length 586;

Best Local Similarity 100.0%; Pred. No. 1.8e-182;

Matches 586; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TTCCCATGACCCCTCTCTGAGGATGCTTGGATGCTGCTTTCCTGCTGATGTTCTTCTTCTT 60

QY 84 GGGTGAAGGTGAAGAAATCTCAAAAGAAACTGCTCTTCTCAAGTATAAAGCTGCTCAAG 143
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Db 121 GCTCTCTAGCCCTATGGTCTTATGCTATTTCACTGAATTTGATACCAAGACCTGGTCTA 180

QY 204 ATGCAGAACTATCTCTCCAGATGCAATTTCTCAGGACACCTGGCATTTTCTTCTCAGTACTG 263
Db 181 ATGCAGAACTATCTCTCCAGATGCAATTTCTCAGGACACCTGGCATTTTCTTCTCAGTACTG 240

QY 264 GTGAATTAACCTTCGTGCTCTCCCTTGTGAAGAAAGTGTGACGGCTACCACTATCT 323
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QY 504 GTGAATTAACCTTCGTGCTCTATCTGCAAAATCAAGGCTTAGGCGAGTTCTTAATTTCAACA 563
Db 481 GTGAATTAACCTTCGTGCTCTATCTGCAAAATCAAGGCTTAGGCGAGTTCTTAATTTCAACA 540

QY 564 GCTTGAATTAATTTATGAAGCTCACAATGCAATGGAAGGAGCAAGTATGA 609
Db 541 GCTTGAATTAATTTATGAAGCTCACAATGGAAGGAGCAAGTATGA 586
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RESULT 3

US-10-231-494-18

; Sequence 18, Application US/10231494

; Publication No. US2004002334A1

; GENERAL INFORMATION:

; APPLICANT: Prior, Christopher P.

; TITLE OF INVENTION: Modified Transferrin Fusion Proteins

; FILE REFERENCE: 54710-5001-US

; CURRENT APPLICATION NUMBER: US/10/231,494

; CURRENT FILING DATE: 2002-08-30

; PRIOR APPLICATION NUMBER: US 60/315,745

; PRIOR FILING DATE: 2001-08-30

; PRIOR APPLICATION NUMBER: US 60/334,059

; PRIOR FILING DATE: 2001-11-30

; NUMBER OF SEQ ID NOS: 30

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 18

; LENGTH: 525

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: INGP

; OTHER INFORMATION: sequences

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (1)..(525)

US-10-231-494-18

Query Match

Best Local Similarity

Matches 405; Conservative

Score 333.6; DB 17; Length 525;

Pred. No. 4.4e-99;

Mismatches 119; Indels

0; Gaps

0;

QY 17 ATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTTCTTCTGCTGATGCTTC 76
Db 1 ATGATGCTGCAATGACTTTGTGTAGAAATGCTTTGGATGCTTGTGTTTGTATGTTT 60
QY 77 CTCTTCTGGGTGGAAGTGAAGATCTCAAAAGAAACTGCTTCTTCCACGTATAACCTGT 136
Db 61 TTGCTTTGGGTGGAAGTGAAGATCTCAAAAGAAACTGCTTCTTCCACGTATAACCTGT 120
QY 137 CCTCAAGCTCTGTAGGCTATGGCTGCTTATGCTATGCTATGCTATGCTATGCTATGCT 196
Db 121 CCACAGGCTCTGTGCTATGCTTATGCTTATGCTTATGCTTATGCTTATGCTTATGCT 180
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QY 437 GCTGACCGTGGTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 496
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RESULT 4

US-10-316-761-2
; Sequence 2, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEALITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-Seq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/316,761
; FILING DATE: 10-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/822,261
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555

; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLJNOT01
; CLONE: 2072483
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-316-761-2

Query Match 40.8%; Score 304.8; DB 15; Length 762;
Best Local Similarity 67.1%; Pred. No. 1.8e-89;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;
QY 9 CAGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTCTGCTGCTGCT 68
Db 106 CAGACATATGCTGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTCTGCTGCTGCT 165
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Db 166 TCATTTCTCTGCTGTGTCAGGTTCAAGGTGAAGAAACCCAGAAAGAACTGCTTCTTCTTCT 225
QY 129 TAACCTGCTCTCAAGGCTCTGTAGCCTATGCTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 188
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Db 466 ATGGATGGGAGTGGAGTAGCCTGATGTGATGAATTAATTTGCTGCTGCTGCTGCTGCTGCT 525
QY 429 CTATTGCTGCTGACCTGGTGTATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 488
Db 526 CCACCATCTTAAACCTGGCCACTGTGGGAGCCTGTCAAGAGCACAGGATTTCTGAAGT 585
QY 489 GGAGAGATTTTAATTTGTAATAATGAGCTTCCCTATATCTGCAAAATTTCAAGGTCTAGGGCA 548
Db 586 GGAAGATTTAATTTGTAATAATGAGCTTCCCTATATCTGCAAAATTTCAAGGTCTAGGGCA 645
QY 549 GTTCTAATTTCAACAGCTTGAATAATTTAAGAGCTCAGTGGACATGGAAGAGAGCAAGTATG 608
Db 646 GTTGGGAAGTCAGCAGCCTCAGCTTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 705
QY 609 AGGATTCATCAGGAAGAGCAGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 652
Db 706 AAGACTACCTGGAAGAGATATTTCTCCCAAACTGCCCTACC 749

RESULT 5

US-09-978-295A-451
; Sequence 451, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC11
CURRENT APPLICATION NUMBER: US/09/978,295A
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
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; Patent No. US20020169284A1			
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; APPLICANT: Botstein, David			
; APPLICANT: Desnoyers, Luc			
; APPLICANT: Eaton, Dan			
; APPLICANT: Ferrara, Napoleon			
; APPLICANT: Filvaroff, Ellen			
; APPLICANT: Fong, Sherman			
; APPLICANT: Gao, Wei-Qiang			
; APPLICANT: Gerber, Hanspeter			
; APPLICANT: Gerritsen, Mary E.			
; APPLICANT: Goddard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, J. Christopher			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Hillan, Kenneth J.			
; APPLICANT: Klijavin, Ivar J.			
; APPLICANT: Kuo, Sophia S.			
; APPLICANT: Napier, Mary A.			
; APPLICANT: Pan, James;			
; APPLICANT: Paoni, Nicholas F.			
; APPLICANT: Roy, Margaret Ann			
; APPLICANT: Shelton, David L.			
; APPLICANT: Stewart, Timothy A.			
; APPLICANT: Tumas, Daniel			
; APPLICANT: Williams, P. Mickey			
; APPLICANT: Wood, William I.			
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic			
; TITLE OF INVENTION: Acids Encoding the Same			
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APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
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TITLE OF INVENTION: Acids Encoding the Same
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Query Match	40.8%;	Score 304.8;	DB 10;	Length 859;
Best Local Similarity	67.1%;	Pred. No. 2e-89;		
Matches 432;	Conservative 0;	Mismatches 212;	Indels 0;	Gaps 0;
Qy	9	CAGGTACCATGATGCTCTCCCATGACCCCTCTCTAGGATGCTCTTGATGCTGCTCTTCCTGCC	68	
Db	78	CAGACATATGCTGCTCCCATGACCCCTGCCCATGCTGCTCTGATGCTGCTCTTCCTGCC	137	
Qy	69	TGATGTTCTCTTCTTGGGTGGAAGGTGAAGAATCTCAAAAGAAACTGCCTTCTTCACGTA	128	
Db	138	TCATTCCTCTGTGCAGGTTCAAGGTGAAGAAACCCAGAAGAACTGCCCTCTCCACGA	197	
Qy	129	TAACTGTCTCAAGGCTCTGTAGCTATGGTCTTATGCTATTCTAGTATTTTGATAC	188	
Db	198	TCAGCTGTCCCAAGGCTCCAAAGGCTATGGCTCCCTCTGCTATGCTCTGTTTTGTCTAC	257	
Qy	189	CACAGACTGTGCTTAATGCGAACTATCCTGCCAGATGCAATTTCTCAGACACCTGGCAT	248	
Db	258	CAAAATCCTGGATGGATGCAGATCTGGCTTGCAGAGCGGCCCTCTGGAACATGTTGT	317	
Qy	249	TTCCTTCAGPACTGGTGAATTAACCTTCTGTTCTCTGCTCTGTTGTAAGAACAGTTTTCACGG	308	
Db	318	CTGTGCTCAGTGGGCTGAGGATCCTTCTGTTCTCTCCTGCTGAGGACATTAGTACA	377	
Qy	309	CCTACCACTACATCTGNTTGGATCCATGATCCCTCACATGGTACACTACCCACAGAA	368	
Db	378	GCTACTCATACATCTGATTTGGGCTCCATGACCCACACAGGGCTCTGAGCCTGATGGAG	437	
Qy	369	GTGATGGAAGTGGAGCAGTTTCCAATGTCTGACCTTCTATAAATCTGGGAGGAGACCCCT	428	
Db	438	ATGGATGGAGTGGATAGCACTGATGTGATGAATTACTTTGCATGGGAGAAATCCCT	497	
Qy	429	CTATTGCTGCTGACCGTGGTTTATTGTGTCAGTTTTGTCTCAAAATCTAGGTTTTCAGAAGT	488	
Db	498	CCACCATCTTAAACCCCTGGCCACTGTGGGAGCCCTGTCAAAGAACACAGGAATTTCTGAAGT	557	
Qy	489	GGAGAGATTTTAATTTGCAAAATGAGCTTCCCTATATCTGCAAATTCAGGCTTAGGGCA	548	
Db	558	GGAAGATTTAATCTGTGATGCAAGTTTACCTTATGCTGCAAGTTTCAAGGACTAGGGCA	617	
Qy	549	GTTCTAAATTTCAACAGCTTTGAAAATATTATGAAGCTCACATGGACAAAGGAAGCAATG	608	

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Db      618  GGTGGGAAGTCAGCAGCCCTCAGCTTGGCGTCAGCTCATCTGGACATGAGACCACTGGTG 677
Qy      609  AGGATTTCACCTCAGGAAGACCAAGCTCTGCCTACACACCCACACC 652
Db      678  AAGACTCACCTCGGAGAGATAATTCTCCCAAACTGCCCTACC 721

RESULT 10
US-09-978-608A-451
; Sequence 451, Application US/09978608A
; Publication No. US20030045462A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PlC22
; CURRENT APPLICATION NUMBER: US/09/978,608A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 451
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-608A-451

Query Match 40.8%; Score 304.8; DB 10; Length 859;
Best Local Similarity 67.1%; Pred. No. 2e-89;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0

Qy      9  CAGGTACCATGATGCTCCCAATGACCCCTCTGAGATGCTTGGATGCTGCTTTCTGCG 68
Db      78  CAGACACTATGCTGCTCCCATGCCCATGGCTGTGTCTCTGGATGCTGCTTTCTGCG 137
Qy      69  TGATCTTCCTTTCTTGGGTGGAGGTGAAGATCTCAAAAGAAACTGCCCTCTTCACGTA 128
Db      138  TCAITTCCTGTGTGTCAGTTCAAGGTGAAGAAACCCAGAGAACTGCCCTCTCACGGA 197
Qy      129  TAACTGTCTCCTCAAGGCTCTCTGATGGCTATGGGTCTCTATTGCTATTCTACGTATTTGATAC 188
Db      198  TCAGCTGTGCCAAGGCTCCAAAGCCCTATGGCTCCCTGCTATGCTTTGTTGTCAC 257
Qy      189  CACAGACTGGTCTTAATGAGAACTATCTCTGCCAGATGATTTCTTCAGAGACCTGGCAT 248
Db      258  CAAATCTCGATGGATGCAGATCTGGCTTGCAGAAGCGGCCCTCTGAAAACCTGGTGT 317

```


APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: F2630P1C4
CURRENT APPLICATION NUMBER: US/09/978,191A
CURRENT FILING DATE: 2001-10-15
PRIORITY APPLICATION NUMBER: 09/918585
PRIORITY FILING DATE: 2001-07-30
PRIORITY APPLICATION NUMBER: 60/062250
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/064249
PRIORITY FILING DATE: 1997-11-03
PRIORITY APPLICATION NUMBER: 60/065311
PRIORITY FILING DATE: 1997-11-13
PRIORITY APPLICATION NUMBER: 60/066364
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PRIORITY FILING DATE: 1998-05-06
PRIORITY APPLICATION NUMBER: 60/084441
PRIORITY FILING DATE: 1998-05-06
PRIORITY APPLICATION NUMBER: 60/084637
PRIORITY FILING DATE: 1998-05-07

Db 78 CAGACACTATGCTGCTCCCATGCCCTGCCAGAGTGTCTCTGGATGCTGCTTCTCTGCC 137
QY 69 TGAATCTCTTCTTGGGTGAAGTGAAGATCTCAAAAGAACTGCTTCTTCACTA 128
Db 138 TCATCTCTCTGTGTCAGTTCAAGGTGAAGAAACCCAGAGAACTGCTTCTCACCGA 197
QY 129 TAACTGTCTCTCAAGGCTCTGTAGCTATGGTCTCTATTGCTTATTCATGATTTTGATAC 188
Db 198 TCAGCTGTCCCAAGGCTTCAAGGCTATGCTCCCTGCTGTATGCTTGTGTGTCTAC 257
QY 189 CACAGACTGTCTTAATCAGAACTATCCTCCAGATGCAATTTCTCAGACACCTGGCAT 248
Db 258 CAAAATCTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 317
QY 249 TTTCTTCTAGTACTGTTGAATTAACCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 308
Db 318 CTGTGCTCAGTGGGCTGAGGATCTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 377
QY 309 CCTACCACTACATCTGGATTTGACTTCCATGATCCCTCACAATGCTGCTGCTGCTGCTGCTGCT 368
Db 378 GCTACTCATACATCTGGATTTGACTTCCATGATCCCTCACAATGCTGCTGCTGCTGCTGCTGCT 437
QY 369 GTGATGGAATGAGAGAGTTCATATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 428
Db 438 ATGATGGAATGAGAGAGTTCATATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 497
QY 429 CTATGCTGCTGAGCGTGTATTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 488
Db 498 CCACATCTTAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 557
QY 489 GGAGAGATTTTAATTTGATAATGAGCTTCCCTATATCTGCAAAATCAAGTCTGAGGCA 548
Db 558 GGAAGATTTAATTTGATAATGAGCTTCCCTATATCTGCAAAATCAAGTCTGAGGCA 617
QY 549 GTTCTAATTTCAACAGCTTGAATATTTAATGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 608
Db 618 GGTGGAATGAGAGAGTTCATATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 677
QY 609 AGGATTCATCAGAGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 652
Db 678 AAGACTCACCTGGAAGAGATATTTCTCCCAAACTGCCCTTACC 721

RESULT 14

US-09-978-564A-451
; Sequence 451, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
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; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P26301C25
; CURRENT APPLICATION NUMBER: US/09/978,564A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
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; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08

Db 678 AAGACTCACCTGGAAGAGAATATTCTCCCAAACTGCCCTACC 721

RESULT 15

US-09-999-833A-451
; Sequence 451, Application US/09999833A

; Publication No. US20030054405A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC65
; CURRENT APPLICATION NUMBER: US/09/999,833A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
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;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084627
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084643
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/085339
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085689
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 40.8%; Score 304.8; DB 10; Length 859;

Best Local Similarity 67.1%; Pred. No. 2e-89;

Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

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QY 69 TGAATGTTCTTTCTTGGGTGAAGGTAAGAATCTCAAAAGAACTGCCTTCTTCAAGTA 128
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QY 489 GGAGAGATTTAATTTGTGAATGAGCTTCCCTATATCTGCAAAATTCAGGTTCTAGGGCA 548
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Search completed: August 8, 2004, 05:41:05

Job time : 538.571 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: August 8, 2004, 03:02:37 ; Search time 81 Seconds
(without alignments)
1192.117 Million cell updates/sec

Title: US-09-717-095-2

Perfect score: 958

Sequence: 1 MLPWLCRMWMLLSCLMEL.....QKWRDNCENELPYICKFKV 174

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	958	100.0	747	2	US-08-401-530A-1
2	958	100.0	747	2	US-08-709-662-1
3	949	99.1	586	3	US-09-146-969-3
4	819	85.5	558	1	US-08-909-725-4
5	584	61.0	793	1	US-07-778-156-1
6	584	61.0	793	2	US-08-422-166-1
7	572	59.7	797	2	US-08-464-637-1
8	572	59.7	797	2	US-08-822-261-5
9	572	59.7	797	4	US-09-228-852-5
10	566	59.1	522	1	US-07-778-156-4
11	566	59.1	522	2	US-08-422-166-4
12	566	59.1	798	1	US-07-778-156-12

13	566	59.1	798	2	US-08-822-261-6	Sequence 6, Appli
14	566	59.1	798	2	US-08-422-166-12	Sequence 12, Appl
15	566	59.1	798	3	US-09-146-969-2	Sequence 2, Appli
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17	557	58.1	762	2	US-08-822-261-2	Sequence 2, Appli
18	557	58.1	762	4	US-09-226-852-2	Sequence 2, Appli
19	511	53.3	474	1	US-07-778-156-8	Sequence 8, Appli
20	511	53.3	474	2	US-08-422-166-8	Sequence 8, Appli
21	435	45.4	602	3	US-09-385-982-257	Sequence 257, App
22	381.5	39.8	777	3	US-09-146-969-1	Sequence 1, Appli
23	276.5	28.9	590	2	US-08-454-557C-32	Sequence 32, Appl
24	276.5	28.9	590	2	US-08-340-426D-32	Sequence 32, Appl
25	276.5	28.9	590	2	US-08-450-673C-32	Sequence 32, Appl
26	276.5	28.9	590	5	PCT-US95-17111A-32	Sequence 32, Appl
27	251.5	26.3	378	2	US-08-454-557C-16	Sequence 16, Appl
28	251.5	26.3	378	2	US-08-340-426D-16	Sequence 16, Appl
29	251.5	26.3	378	2	US-08-450-673C-16	Sequence 16, Appl
30	251.5	26.3	378	5	PCT-US95-17111A-16	Sequence 16, Appl
31	249.5	26.0	610	3	US-09-385-982-229	Sequence 229, App
32	190	19.8	614	2	US-08-729-103-2	Sequence 2, Appli
33	190	19.8	1114	2	US-08-468-413-1	Sequence 1, Appli
34	190	19.8	1114	3	US-09-162-508-1	Sequence 1, Appli
35	190	19.8	1114	5	PCT-US95-07169-1	Sequence 1, Appli
36	188	19.6	659	3	US-09-385-982-319	Sequence 319, App
37	174	18.2	368	4	US-09-621-976-30	Sequence 30, Appl
38	173	18.1	544	4	US-09-058-740-1	Sequence 1, Appli
39	166.5	17.4	508	4	US-09-621-976-952	Sequence 952, App
40	166	17.3	189	4	US-09-833-381-1878	Sequence 1878, Ap
41	163	17.0	3411	3	US-09-146-969-4	Sequence 4, Appli
42	161	16.8	5169	4	US-09-194-612A-2	Sequence 2, Appli
43	157	16.4	4588	3	US-08-840-062-1	Sequence 1, Appli
44	156	16.3	4771	3	US-08-840-062-3	Sequence 3, Appli
45	156	16.3	5633	4	US-09-023-655-1490	Sequence 1490, Ap

ALIGNMENTS

RESULT 1

US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bamer & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/401,530A
; APPLICATION NUMBER: 22-FEB-1995
; FILING DATE: 800
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299

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; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541
; US-08-401-530A-1

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Score: 958.00 Matches: 174
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

US-09-717-095-2 (1-174) x US-08-401-530A-1 (1-747)

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QY 21 SerTrpValGluGlyGluSerGlnLysLeuProSerSerArgIleThrCysPro 40
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QY 41 GlnGlySerValAlaValGlySerCysTyrSerLeuIleLeuLeuProGlnThrTrp 60
DB 140 CAAGGCTCTGTAGCCCTATGGTCTTATGCTATTCATCTGATTTGATACACAGACTGG 199
QY 61 SerAsnAlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuSer 80
DB 200 TCTAATGCAGAACTATCTCCAGATGCACTTCTCAGGACCTGGCACTTCTTCTCAGT 259
QY 81 ThrGlyGluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyr 100
DB 260 ACTGGTGAATTAACCTTCGTGCTCTCCCTGTGTAAGAACAGTTTGACGGCTACCACTAC 319
QY 101 IleTrpIleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLys 120
DB 320 ATCTGGATTGGACTCCATGATCCCTCACATGGGTACACTACCCCAAGGAAGTGGATGAAG 379
QY 121 TrpSerSerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAla 140
DB 380 TGGAGCAGTTCCATGTGCTGACCTCTATTAATGGGAGAGAAACCCCTCTATTTGCTGCT 439
QY 141 AspArgGlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPhe 160
DB 440 GACCGTGGTTATTTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGATTTT 499
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DB 500 AATTGTGAATAATGAGCTTCCCTATATCTGCATAATCAAGTCT 541

RESULT 2
US-08-709-662-1
; Sequence 1, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC
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Db 320 ATCTGGAATGGAATCCATCATGATCCCTCACATGGTACACTACCCCAAGGAAGTGGATGGAAG 379
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Db 380 TGGAGCAGATCCCAATGTGCTGACCTTCTATTAACCTGGAGAGGAACCCCTCTATTTGCTGCT 439
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QY 161 AsnCysGluAsnGluLeuProTyrIleCysLysPheLysVal 174
Db 500 AATTGTGAAATGAGCTTCCCTATATCTGCAAAATCAAGGTC 541

RESULT 3
US-09-146-969-3
; Sequence 3, Application US/09146969
; Patent No. 6228585
; GENERAL INFORMATION:
; APPLICANT: Dieckgraebe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 596
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-969-3

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Score: 949.00 Matches: 172
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.06% Indels: 0
DB: 3 Gaps: 0

US-09-717-095-2 (1-174) x US-09-146-969-3 (1-586)

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Db 63 GTGGAAGTGAAGATCTCAAAAGAACTGCCTTCTTCCAGCTATAACCTGTCCTCAAGGC 122
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuIleLeuIleProGlnThrTTPSerAsn 62
Db 123 TCTGTAGCTATGGGCTCTATTGCTATTCTGCTGATTTTGATACCACAGACCTGCTCTAAT 182
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 183 GCAGAACTATCTGCGAGATGATTTCTCAGAGACCTGGGATTTCTTCAGTACTGGT 242
QY 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTTP 102
Db 243 GAAATTAACCTTCGTGCTCCTCTGTGAAGAACAGTTTGACGGCTACCACTACATCTGG 302
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Db 303 ATTGACTCCATGATPCCCTCATGTTGATACCTCAACACCGGAAGTGAAGTGGAGC 362
QY 123 SerSerAsnValLeuThrPheTyrAsnTTPGluArgAsnProSerIleAlaAspArg 142
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QY 163 GluAsnGluLeuProTyrIleCysLysPheLysVal 174
Db 483 GAAATGAGCTTCCCTATATCTGCAAAATTCAGGTC 518

RESULT 4
US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-909-725-4

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Score: 819.00 Matches: 149
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 85.49% Indels: 0
DB: 1 Gaps: 0

US-09-717-095-2 (1-174) x US-08-909-725-4 (1-558)

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QY 46 TyrGlySerTyrCysTyrSerLeuIleLeuIleProGlnThrTTPSerAsnAlaGluLeu 65
Db 72 TATGGGTCCTATTCTATTCTGATTTGATACCACAGACCTGCTCTAATGAGAACTA 131
QY 66 SerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThr 85

Db 132 TCTGCCAGATGCTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGGTGAATACC 191
QY 86 PheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyrIleGlyLeu 105
Db 192 TTCGTGCTCTCTTGTGAGAACAGTTTGACGGCTACACGATCATCTGGATTGGACTC 251
QY 106 HisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrPlystPsrSerSerAsn 125
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QY 126 ValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCys 145
Db 312 GTGCTGACCTTCATAACTGGGAGAGAACCCCTATTGCTGCTACCGTGTATTGT 371
QY 146 AlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCysGluAsnGlu 165
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QY 166 LeuProTyrIleCysLysPheLysVal 174
Db 432 CTTCCCTATATCTGCAAAATCAAGGTC 458

RESULT 5

US-07-778-156-1
; Sequence 1, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 793 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA to mRNA
; ORIGINAL SOURCE:
; ORGANISM: Rat
; TISSUE TYPE: pancreas
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 62..613
US-07-778-156-1

Alignment Scores:

Align. No.: 4, 94e-60 Length: 793
Score: 584.00 Matches: 101
Percent Similarity: 78.79% Conservative: 29
Best Local Similarity: 61.21% Mismatches: 34
Query Match: 60.96% Indels: 1
DB: 1 Gaps: 0
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Db 89 ATGTCTGTGATGCTGCTCTCTCTGCTGATGCTTATCAGAGTGCAGGAGAGAACTCT 148
QY 29 GlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAlaTyrGlySer 48
Db 149 CGGAAGAAATACCTCTGCACGCATTAGTGTCCCAAGGCTCCAGGCATATGGCTCC 208
QY 49 TyrCysTyrSerLeuLeuIleProGlnThrTrpSerAsnAlaGluLeuSerCysGln 68
Db 209 TACTGTATGCTCTGTTTCAGATACACAGACTGGTTGTATGCAGACTGGCTGCCAG 268
QY 69 MetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThrPheValSer 88
Db 269 AAGAGACCTGAAGGACACCTTGTATCTGTGCTCAATGTAGCTCAAGCTTCATTCTTGGCA 328
QY 89 SerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyrIleGlyLeuHisAspPro 108
Db 329 TCCATGGTCAAGAACACTGGAAACAGCTACCAATATACCTGGATTGGACTCCATGACCCC 388
QY 109 SerHisGlyThrLeuProAsnGlySerGlyTyrLysTrpSerSerSerAsnValLeuThr 128
Db 389 ACTCTTGGTGGAGAACCAATGGAGTGGATGGAGTGGAGTAAACAATGATATGAAT 448
QY 129 PheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCysAlaValLeu 148
Db 449 TATGTCAACTGGGAGAGGAACCATCTACTGCTTAGACCGCGGATTCTGTGGCAGCTTG 508
QY 149 SerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGlu-LeuProty 168
Db 509 TCAAGATCTTCTGGATTCTTAGATGGAGAGATACCAATGTGAAGTTGAAGTTGCCCTA 568
QY 168 rleCysLysPhe 172
Db 569 CGCTGCAAAATTT 581

RESULT 6

US-08-422-166-1
; Sequence 1, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:


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Db 112 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGATCGCTGTCCCAAGGC 171
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuLeuProGlnThrTyrSerAsn 62
Db 172 TCAAGGCTATGGCTCCCACTGCTATGCTTTTGTCCAAAATCCTGGACAGAT 231
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAGCGCCCTCTGGAAACCTGTGTCTGTCTCAGTGGGCT 291
QY 83 GluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 292 GAGGATCTCTGCTGCTCCCTGGTGAAGAGATTTGGTAACAGTACTCATACGCTCTG 351
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 352 ATTGGGCTCATGACCCACACAGGCGACCGAGCCCAATGGAGAAAGTTGGAGTGGAGT 411
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGATGTGATGAATTACTTTGTCATGGAGAGAAATCCCTCCACCATCTCAAGCCC 471
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrPargAspPheAsnCys 162
Db 472 GGCCACTGTGGAGCTGTGCGAAGCAGAGCAATTTCTGAGGTGGAAGATTATACTGT 531
QY 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 532 AATGTGAGGTACCTTATGCTGCAAGTTC 561
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RESULT 8

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US-08-822-261-5
; Sequence 5, Application US/0882261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
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; LIBRARY: GenBank
; CLONE: 262368
; US-08-822-261-5
Alignment Scores:
Pred. No.: 1.33e-58 Length: 797
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 2 Gaps: 0
US-09-717-095-2 (1-174) x US-08-822-261-5 (1-797)
QY 3 ProMetThrLeuCysArgMetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyr 22
Db 52 CCCATGGCCCTGCCAGTGTATCTGGATGCTGCTTCTGCTCATGCTGCTGTCTCAG 111
QY 23 ValGluGlyGluGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 112 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGATCGCTGTCCCAAGGC 171
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuLeuProGlnThrTyrSerAsn 62
Db 172 TCAAGGCTATGGCTGCCAGTGTGCTTGTGTTTGTCCAAAATCCTGGACAGAT 231
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAGCGCCCTCTGGAAACCTGTGTCTGCTCAGTGGGCT 291
QY 83 GluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 292 GAGGATCTCTGCTGCTCCCTGGTGAAGAGCATTTGGTAACAGTACTCATACGCTGG 351
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 352 ATTGGGCTCATGACCCACACAGGCGACCGAGCCCAATGGAGAAAGTTGGAGTGGAGT 411
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGATGTGATGAATTACTTTGTCATGGAGAGAAATCCCTCCACCATCTCAAGCCC 471
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrPargAspPheAsnCys 162
Db 472 GGCCACTGTGGAGCTGTGCGAAGCAGAGCAATTTCTGAGGTGGAAGATTATACTGT 531
QY 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 532 AATGTGAGGTACCTTATGCTGCAAGTTC 561
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RESULT 9

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US-09-226-852-5
; Sequence 5, Application US/09226852
; Patent No. 6432499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/09/226,852
FILING DATE: 36,749
CLASSIFICATION: P.0251 US
PRIOR APPLICATION DATA: PP-0251 US
APPLICATION NUMBER: US/08/822,261
FILING DATE: 36,749
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PP-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-845-4166
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 797 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 262368
US-09-226-852-5

Alignment Scores:
Pred. No.: 1,33e-58 Length: 797
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservatives: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 4 Gaps: 0

US-09-717-095-2 (1-174) x US-09-226-852-5 (1-797)

Qy 3 ProMetThrLeuCysArgMetSerTrpMetLeuSerCysLeuMetPheLeuSerTrp 22
Db 52 CCCATGGCCCTGCCAGGTATCTGGATGCTGCTTCTGCTCATGCTGCTGCTCAG 111
Qy 23 ValGluGlyGluGluSerGlnLysLeuProSerSerArgLleThrCysProGlnGly 42
Db 112 GTTCAAGGTGAAGAACCCAGGAGGAACTGCCCTCTGCACGGATCCGCTGCCAAAGC 171
Qy 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLleLeuLleProGlnThrTrpSerAsn 62
Db 172 TCCAAGGCTAAGCTCCATCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 231
Qy 63 AlaGluLeuSerCysGlnMetHiePheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAGCGCCCTCTGGAACCTGGTGTCTGCTCAGTGGGGCT 291
Qy 83 GluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrp 102
Db 292 GAGGATCTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 351
Qy 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSer 122
Db 352 ATTGGCTCCATGATCCACACAGGCGACCCAGCCCATGAGAGGTTGGAGTGGAGT 411
Qy 123 SerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGTATGATGAATTAATCTTTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCC 471
Qy 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCys 162
Db 472 GGCCTACTGGAGCCTCTCGAAGACGACGATTTCTGAGGTGGAAGATTTAATAGT 531
Qy 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 532 AATGTGAGTTACCTATGTCGAAGTTC 561

RESULT 10

US-07-778-156-4

; Sequence 4, Application US/07778156

Patent No. 5436169
GENERAL INFORMATION:
APPLICANT: IOVANNA, JUAN-LUCIO
APPLICANT: KEIM, VOLKER
APPLICANT: DAGORN, JEAN-CHARLES
TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
TITLE OF INVENTION: PANCREATITIS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,156
FILING DATE: 19911219
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5436169man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 522 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: pancreas
US-07-778-156-4

Alignment Scores:
Pred. No.: 3,57e-58 Length: 522
Score: 566.00 Matches: 97
Percent Similarity: 77.51% Conservatives: 34
Best Local Similarity: 57.40% Mismatches: 38
Query Match: 59.08% Indels: 0
DB: 1 Gaps: 0

US-09-717-095-2 (1-174) x US-07-778-156-4 (1-522)

Qy 3 ProMetThrLeuCysArgMetSerTrpMetLeuSerCysLeuMetPheLeuSerTrp 22
Db 10 CCCATGGCCCTGCCAGGTATCTGGATGCTGCTTCTGCTCATGCTGCTGCTCAG 69
Qy 23 ValGluGlyGluGluSerGlnLysLeuProSerSerArgLleThrCysProGlnGly 42
Db 70 GTTCAAGGTGAAGAACCCAGGAGGAACTGCCCTCTGCACGGATCCGCTGCCAAAGC 129
Qy 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLleLeuLleProGlnThrTrpSerAsn 62
Db 130 TCCAAGGCTATGCTCCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 189
Qy 63 AlaGluLeuSerCysGlnMetHiePheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 190 GCAGATCTGGCTGCCAGAGCGCCCTCTGGAACCTGGTGTCTGCTCAGTGGGGCT 249
Qy 83 GluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrp 102

Db 250 GAGGATCTCTGCTGCTCCCTGGTGAAGAGCAATGGTAACAGACTACTCATACGCTGG 309
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 310 ATTGGGCTCATGACCCACACAGAGGACCGACCCCAATGGAGAAGTTGGGAGTGGAGT 369
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 370 AGCAGTGTGATGAATTAATTTGGCATGGAGAGAAATCCCTCCACCATCTCAAGCCCC 429
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 430 GGCCACTGTGCGAGCCTGTGAGAAGCACAGCAATTTCTGAGGTGGAAGATTATACTGT 489
QY 163 GluAsnGluLeuProTyrIleCysLys 171
Db 490 AATGTGAGGTACCTTATGTCGCAAA 516
RESULT 11
US-08-422-166-4
; Sequence 4, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 522 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-08-422-166-4
Alignment Scores: 3.57e-58 Length: 522
Pred. No.:

Score: 566.00 Matches: 97
Percent Similarity: 77.51% Conservative: 34
Best Local Similarity: 57.40% Mismatches: 38
Query Match: 59.08% Indels: 0
DB: 2 Gaps: 0
US-09-717-095-2 (1-174) x US-08-422-166-4 (1-522)
QY 3 ProMetThrLeuCysArgMetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyr 22
Db 10 CCATGGCCCTGCCAGTGTATCTTGATGCTGCTTCTGCTCTATGCTGCTGCTCAG 69
QY 23 ValGluGlyGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 70 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGATCCGCTGTCCCAAGGC 129
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuProGlnThrTyrSerAsn 62
Db 130 TCCAGGCCATGGCTCCCACTGCTATGCTGTTTTTGTCCAAAATCCTCGACAGAT 189
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 190 GCAGATCTGGCTGCCAGAGCGGCCCTCTGGAAACCTGGTGTCTGCTCACTGGGGCT 249
QY 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 250 GAGGATCCTTCGTGCTCCTCCCTGGTGAAGAGCAATGGTAACAGACTACTCATACGCTGG 309
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 310 ATTGGGCTCATGACCCACACAGAGGACCCCAATGGAGAAGTTGGGAGTGGAGT 369
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 370 AGCAGTGTGATGAATTAATTTGGCATGGAGAGAAATCCCTCCACCATCTCAAGCCCC 429
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 430 GGCCACTGTGCGAGCCTGTGAGAAGCACAGCAATTTCTGAGGTGGAAGATTATACTGT 489
QY 163 GluAsnGluLeuProTyrIleCysLys 171
Db 490 AATGTGAGGTACCTTATGTCGCAAA 516
RESULT 12
US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 522 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-07-778-156-12
Alignment Scores: 3.57e-58 Length: 522
Pred. No.:


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; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
; US-07-778-156-12

Alignment Scores:
Pred. No.: 6.89e-58 Length: 798
Score: 566.00 Matches: 97
Percent Similarity: 77.51% Conservative: 34
Best Local Similarity: 57.40% Mismatches: 38
Query Match: 59.08% Indels: 0
DB: 1 Gaps: 0

US-09-717-095-2 (1-174) x US-07-778-156-12 (1-798)
QY 3 ProMetThrLeuCysArgMetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyr 22
Db 52 CCCATGGCCCTGCCAGTGTATCTGGATGCTGTTCTCCCTCCCTCATGCTGCTCTCAG 111
QY 23 ValGluGlyGluGluSerGlnLysLeuProSerArgIleThrCysProGlnGly 42
Db 112 GTTCAAGGTGAAGAACCCAGAGGGAACCTGCTCTGCACGATCCGCTGTCCCAAGGC 171
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuLeuProGlnThrTyrSerAsn 52
Db 172 TCCAAGGCCTATGGCTCCCACTGCTATGCTTGTGTTTGTCCACCAAAATCCTGGACAGAT 231
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAGCCCTCTGGAAACCTGTGCTGTCTGCTGCTGGGCT 291
QY 83 GluIleThrPheValSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 292 GAGGATCTCTTGGTCTCTCCCTGGTGAAGACATTGGTAACAGCTACTCATGCTCTGG 351
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrIleTyrSer 122
Db 352 ATTTGGCTTCCATGATCCCAACAGAGCCCAATGAGAGAGGTTGGAGTGGAGT 411
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGAATGATGAATATCTTTCATGGGAGAGAAATCCTCCACCATCTCAGCCCC 471
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 472 GGCCACTGTGGAGCCTGTGAGAGACACAGCATTTCTGAGGTGGAAGATTATAACTGT 531
QY 163 GluAsnGluLeuProTyrIleCysLys 171
Db 532 AATGTGAGGTATACCTATGCTCTGCAAA 558

RESULT 13
US-08-822-261-6
; Sequence 6, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
```

```
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESS: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
; US-08-822-261-6

Alignment Scores:
Pred. No.: 6.89e-58 Length: 798
Score: 566.00 Matches: 97
Percent Similarity: 77.51% Conservative: 34
Best Local Similarity: 57.40% Mismatches: 38
Query Match: 59.08% Indels: 0
DB: 2 Gaps: 0

US-09-717-095-2 (1-174) x US-08-822-261-6 (1-798)
QY 3 ProMetThrLeuCysArgMetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyr 22
Db 52 CCCATGGCCCTGCCAGTGTATCTGGATGCTGTTCTCCCTCATGCTGCTCTCAG 111
QY 23 ValGluGlyGluGluSerGlnLysLeuProSerArgIleThrCysProGlnGly 42
Db 112 GTTCAAGGTGAAGAACCCAGAGGGAACCTGCTCTGCACGATCCGCTGTCCCAAGGC 171
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuLeuProGlnThrTyrSerAsn 62
Db 172 TCCAAGGCCTATGGCTCCCACTGCTATGCTTGTGTTTGTCCACCAAAATCCTGGACAGAT 231
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAGCCCTCTGGAAACCTGTGCTGTCTGCTGCTGGGCT 291
QY 83 GluIleThrPheValSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 292 GAGGATCTCTTGGTCTCTCCCTGGTGAAGACATTGGTAACAGCTACTCATGCTCTGG 351
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrIleTyrSer 122
Db 352 ATTTGGCTTCCATGATCCCAACAGAGCCCAATGAGAGAGGTTGGAGTGGAGT 411
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Qy	123	SerSerAsnValLeuThrPhenTyraAsnTrpGluArgAsnProSerIleAlaIleAspArg	142
Db	412	AGCAGTGGATGATGAATTAATCTTGCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCC	471
Qy	143	GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys	162
Db	472	GGCCACTGTGGAGCGCTGTCAGAGACACAGCATTTCTGAGGTGGAAAGATTATTAAC	531
Qy	163	GluAsnGluLeuProTyrIleCysLys	171
Db	532	AATGTGAGTTACCCCTATGTCGAAA	558
RESULT 14			
US-08-422-166-12			
; Sequence 12, Application US/08422166			
; Patent No. 5959086			
; GENERAL INFORMATION:			
; APPLICANT: IOVANNA, JUAN-LUCIO			
; APPLICANT: KEIM, VOLKER			
; APPLICANT: DAGORN, JEAN-CHARLES			
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE			
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE			
; TITLE OF INVENTION: PANCREATITIS			
; NUMBER OF SEQUENCES: 12			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,			
; ADDRESSEE: P.C.C. 1755 Jefferson Davis Highway, Fourth Floor			
; STREET: 1755 Jefferson Davis Highway, Fourth Floor			
; CITY: Arlington			
; STATE: Virginia			
; COUNTRY: U.S.A.			
; ZIP: 22202			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: Floppy disk			
; COMPUTER: IBM PC compatible			
; OPERATING SYSTEM: PC-DOS/MS-DOS			
; SOFTWARE: PatentIn Release #1.0, Version #1.25			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: US/08/422,166			
; FILING DATE: 14-APR-1995			
; CLASSIFICATION: 435			
; PRIOR APPLICATION DATA:			
; APPLICATION NUMBER: US 07/778,156			
; FILING DATE: 19-DEC-1991			
; ATTORNEY/AGENT INFORMATION:			
; NAME: Oblon, No. 5959086man F.			
; REGISTRATION NUMBER: 24,618			
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT			
; TELECOMMUNICATION INFORMATION:			
; TELEPHONE: (703)521-4500			
; TELEFAX: (703)486-2347			
; TELEX: 248855 OPAT UR			
; INFORMATION FOR SEQ ID NO: 12:			
; SEQUENCE CHARACTERISTICS:			
; LENGTH: 798 base pairs			
; TYPE: nucleic acid			
; STRANDEDNESS: unknown			
; TOPOLOGY: unknown			
; MOLECULE TYPE: cDNA			
; ORIGINAL SOURCE:			
; ORGANISM: Homo sapiens			
; TISSUE TYPE: pancreas			
US-08-422-166-12			

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QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuIleLeuIleProGlnThrTyrSerAsn 62
Db 172 TCCAAGGCCTATGGCTCCCACTGCTATGCTTGTGTTTGTACCAAAATCTGGACAGAT 231
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCCTGCCAGAGCGGCCCTCTGGAAACCTGGTGTCTGTGCTCAGTGGGGCT 291
QY 83 GluIleThrPheValSerSerLeuValIysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 292 GAGGGATCCTTCGTGCTCTCCCTGGTGAAGAGCATTCGTAACTACTACTCATCTCTGG 351
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 352 ATGGGGCTCCATGACCCACACAGGGCACCCGAGCCCAATGGAGAGGTGGGAGTGGAGT 411
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGATGTGATGAATTACTTTGCATGGAGAGAAATCCCTCCACCATCTCAAGCCCC 471
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 472 GGCCACTGTGCGAGCTGTCTGAGAAGCACAGCAATTCTGAGGTGGAAAGATTATACTGT 531
QY 163 GluAsnGluLeuProTyrIleCysIys 171
Db 532 AATGTGAGGTATACCTATGTCTGCAA 558

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Search completed: August 8, 2004, 05:42:39
Job time : 86 secs

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GenCore version 5.1.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: August 8, 2004, 05:26:07 ; Search time 434 Seconds
(without alignments)
1965.775 Million cell updates/sec

Title: US-09-717-095-2

Perfect score: 958

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 6445838

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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-DB=Published Applications NA -QFMT=fastap -SUFFIX=rnpb -MINMATCH=0.1
-LOOPCL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62
-TRANS=human40.cdi -LIST=45 -DOCALLIGN=200 -THR SCORE=pct -THR MAX=100
-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSIZ=500 -MINLEN=0
-MAXLEN=2000000000 -USER=US09717095@cgn_1_1_519 @runat_30072004_175835_20838
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-LONGLOG -DEV TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5
-FGAPOP=6 -FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Published Applications NA:*

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- 2: /cgn2_6/ptodata/1/pubnpa/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubnpa/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubnpa/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/1/pubnpa/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/1/pubnpa/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/1/pubnpa/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/1/pubnpa/US09_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/1/pubnpa/US09A_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/1/pubnpa/US09B_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/1/pubnpa/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/1/pubnpa/US09_NEW_PUB.seq:*
- 13: /cgn2_6/ptodata/1/pubnpa/US10A_PUBCOMB.seq:*
- 14: /cgn2_6/ptodata/1/pubnpa/US10B_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/1/pubnpa/US10C_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/1/pubnpa/US10D_PUBCOMB.seq:*
- 17: /cgn2_6/ptodata/1/pubnpa/US10_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/1/pubnpa/US50_NEW_PUB.seq:*
- 19: /cgn2_6/ptodata/1/pubnpa/US50_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
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RESULT 1
US-10-231-494-18
; Sequence 18, Application US/10231494
; Publication No. US2004002334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 525
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGAP

ALIGNMENTS

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; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(525)
US-10-231-494-18

Alignment Scores:
Pred. No.: 1,71e-116 Length: 525
Score: 958.00 Matches: 174
Percent Similarity: 100.00% Conservatives: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 17 Gaps: 0

US-09-717-095-2 (1-174) x US-10-231-494-18 (1-525)

QY 1 MetLeuProMetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeu 20
Db 4 ATGTTCCCAAGACTTTGTGAGAACTCTGTGATGTTGTGCTTTGTGATGTTTGTG 63
QY 21 SerTrpValGluGlyGluSerGlnLysLysLeuProSerSerArgIleThrCysPro 40
Db 64 TCTTGGGTTGAAGGTGAAGAACTCTCAAAAAAATTCATCTTCTAGAACTTCTG 123
QY 41 GlnGlySerValAlaValGlySerTyrCysTyrSerIleLeuLeuLeuProGlnThrTrp 60
Db 124 CAAGGTTCTGTGCTTATGCTTCTTATGTTATCTTCTGATTTTGTATTCACAA 183
QY 61 SerAsnAlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuSer 80
Db 184 TCTAATGCTGAATGCTGTGCAATGCAATTTCTGCTCATTTGGCTTTTGTGCT 243
QY 81 ThrGlyGluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaValGlnTyr 100
Db 244 ACTGGTGAATTAATTTGTTTCTTCTTGGTTAAATAATCTTTGACTGCTTATCA 303
QY 101 IleTrpIleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLys 120
Db 304 ATTGGATTGGTTGGATGATCCATCTCATGTTTATTAATGGGAAGAAATCACTA 363
QY 121 TrpSerSerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAla 140
Db 364 TGTCTCTCTCTAATGTTTGTGCTTTTATTAATGGGAAGAAATCACTAATGCT 423
QY 141 AspArgGlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPhe 160
Db 424 GATAGAGTTATTGCTGCTGTTTGTCTCAAAAATCTGGTTTCAAAAATGGAGATT 483
QY 161 AsnCysGluAsnGluLeuProTyrIleCysLysPheIysVal 174
Db 484 AATTGTGAATAATGAATGGCATATATTTGTAATTTTAAAGTT 525

RESULT 2
US-10-421-363-2
; Sequence 2, Application US/10421363
; Publication No. US20040018623A1
; GENERAL INFORMATION:
; APPLICANT: Rosenberg, Lawrence
; TITLE OF INVENTION: MEDIUM FOR PREPARING DEDIFFERENTIATED
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 701826-05621-CIP
; CURRENT APPLICATION NUMBER: US/10/421,363
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: US 10/111,485
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: PCT/CA00/01284
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,137
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 747
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mammalian INGAP
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (20)....(541)
US-10-421-363-2

Alignment Scores:
Pred. No.: 2,9e-116 Length: 747
Score: 958.00 Matches: 174
Percent Similarity: 100.00% Conservatives: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 16 Gaps: 0

US-09-717-095-2 (1-174) x US-10-421-363-2 (1-747)

QY 1 MetLeuProMetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeu 20
Db 20 ATGCTTCCCATGACCTCTGTAGATGTTGTGATGCTGCTTTCTGCTGCTGATGTTCC 79
QY 21 SerTrpValGluGlyGluSerGlnLysLysLeuProSerSerArgIleThrCysPro 40
Db 80 TCTTGGGTTGAAGGTGAAGAACTCTCAAAAGAAACTGCTTCTTCACGTATAACCTG 139
QY 41 GlnGlySerValAlaValGlySerTyrCysTyrSerLeuIleLeuLeuProGlnThrTrp 60
Db 140 CAAGGTTCTGTAGCTATGGTCTTATGCTTATCTGATTTGTATACACAGACTGG 139
QY 61 SerAsnAlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuSer 80
Db 200 TCTAATGCAAACTATCTGCCAGATGCATTTCTCAGACACCTGGCAATTTCTTCTC 259
QY 81 ThrGlyGluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaValGlnTyr 100
Db 260 ACTGGTGAATTAATTTGTTTCTGCTGCTTCTGCTGCTTCTGCTGCTTCTGCTGCT 319
QY 101 IleTrpIleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLys 120
Db 320 ATCTGGATTGGACTCCATGATCCCTCACATGTTGATACACTACCCAAACGGAAGT 379
QY 121 TrpSerSerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAla 140
Db 380 TGGAGCAGTTCCAATGTGCTGACCTTCTATTAACCTGGAGAGAAACCCCTCTATTG 439
QY 141 AspArgGlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPhe 160
Db 440 GACCGTGGTTATTGTGCACTTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAT 499
QY 161 AsnCysGluAsnGluLeuProTyrIleCysLysPheIysVal 174
Db 500 AATTGTGAATAATGAGCTTCCCTATATCTGCAAAATTCAGGTC 541

RESULT 3
US-09-739-262-3
; Sequence 3, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraebe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739,262
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-3
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Alignment Scores:

Fred. No.: 3.11e-115 Length: 586
Score: 949.00 Matches: 172
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.06% Indels: 0
DB: 9 Gaps: 0

US-09-717-095-2 (1-174) x US-09-739-262-3 (1-586)

Qy 3 ProMetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrp 22
Db 3 CCCATGACCCTCTGAGATGCTTGATGCTGCTTCTGCTGCTGCTGCTTCTTCTTGG 52
Qy 23 ValGluGluGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 63 GTGGAAGGTGAAGAATCTCAAAAGAACTGGCTTCTTCCAGTATTAACCTGCTCAAGGC 122
Qy 43 SerValAlaTrpGlySerTrpCysTrpSerLeuLeuLeuProGlnThrTrpSerAsn 52
Db 123 TCTGTAGCTAAGGTCTCTATGCTATCTACGATTTTGTATACACAGCTGCTCTAAT 182
Qy 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 183 GCAGAACTATCTGCCAGATGCAITTTCTCAGCACACCTGGCATTTTCTCAGTACTGGT 242
Qy 83 GluLeuPheValSerLeuValLysSerLeuThrAlaTrpGlnTrpIleTrp 102
Db 243 GAAATTAACCTTCTGCTCCCTTGTGAAGAACAGTTTTCAGCGCTTACCACTCTGG 302
Qy 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSer 122
Db 303 ATTGACTCCATGATCCCTCACATGCTACATGCCAACCGAAGTGGATGGAGTGGAGC 362
Qy 123 SerSerAsnValLeuThrPheTrpAsnTrpGluArgAsnProSerIleAlaAlaAspArg 142
Db 363 AGTCCATGTGCTGACCTTCTATPACTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 422
Qy 143 GlyTrpCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCys 162
Db 423 GGTATTCTGCAGTTTCTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTTAATGT 482
Qy 163 GluAsnGluLeuProTrpIleCysLysPheLysVal 174
Db 483 GAAATGAGCTTCCCTATATCTGCAAAATTCAGGTC 518

RESULT 4

US-10-231-494-20
; Sequence 20, Application US/10231494
; Publication No. US2004002334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGP
; OTHER INFORMATION: sequences for fusion proteins
; NAME/KEY: CDS
; LOCATION: (1) .. (444)

US-10-231-494-20

Alignment Scores:
Pred. No.: 1.31e-95 Length: 445
Score: 799.00 Matches: 144
Percent Similarity: 100.00% Conservative: 2
Best Local Similarity: 98.63% Mismatches: 0
Query Match: 83.40% Indels: 0
DB: 17 Gaps: 0

US-09-717-095-2 (1-174) x US-10-231-494-20 (1-445)

Qy 29 GlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAlaTrpGlySer 48
Db 4 GAGAAAGGTGGCATCTTCCAGAAATCTTGTCCACAGGTTCTGTGCTTAATGTTCT 63
Qy 49 TrpCysTrpSerLeuLeuLeuLeuProGlnThrTrpSerAsnAlaGluLeuSerCysGln 68
Db 64 TATTGTTATTCTTGTGATTTGATTTCCCAAACTTGGTCTAATGCTGAATTTGTTGTCAA 123
Qy 69 MethHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThrPheValSer 88
Db 124 ATGCATTTTCTGGTCATTTGGCTTTTGTGTCTACTGGTGAATTTACHTTTGTTTCT 183
Qy 89 SerLeuValLysAsnSerLeuThrAlaTrpGlnTrpIleTrpIleGlyLeuHisAspPro 108
Db 184 TCTTTGGTTAAATTTCTTTCAGTCTTATCAATATTTGGATTGGTTTGCATGATCCA 243
Qy 109 SerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerSerAsnValLeuThr 128
Db 244 TCTCATGTGTACTTTGCCAAATGGTTCTGGTTGGAAATGGTCTCTTCTTAATGTTTGTACT 303
Qy 129 PheTrpAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTrpCysAlaValLeu 148
Db 304 TTTTACAAATGGGAAGAAATCCATTAATGCTGCTAGAGGTTATTGCTGCTTTTG 363
Qy 149 SerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGluLeuProTrp 168
Db 364 TCTCAAAATCTGGTTTCAAAATGGAGAGATTTTAATTTGTGAAATGAATGCCATAT 423
Qy 169 IleCysLysPheLysVal 174
Db 424 ATTTGTAATTTAAAGTT 441

RESULT 5

US-10-231-494-22
; Sequence 22, Application US/10231494
; Publication No. US2004002334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 441
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGP
; OTHER INFORMATION: sequences for fusion proteins
; NAME/KEY: CDS
; LOCATION: (2) .. (436)
US-10-231-494-22
Alignment Scores:

QY 20 LeuSerTrpValGluGluGluSerGlnLysLysLeuProSerSerArgIleThrCys 39
Db 92 TTAATCTCAGGTTCAAGGTGAAGACTCCCTCGAAGAAATATACCCCTCCGACGCAATAGTTGC 151
QY 40 ProGlnGlySerValAlaTyrglySerTyrcysTyrsSerLeuLeuLeuProGlnThr 59
Db 152 CCCAAGGGCTCCAGGGTTATGGCTCTCTACTGCTATGCTTGTTCAGATACACAGACC 211
QY 60 TrpSerAsnAlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeu 79
Db 212 TGGTTTGTATGAGAACTGGCTGCGCAAAAGAGAGGCTCGGAGGACACCTCGTATCTGTGCTC 271
QY 80 SerThrGlyGluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrgln 99
Db 272 AATAGCGCTGAGGGCTTCATCTCTGCTCCATGTTGAAGAGAAACAGGAAACAGCTACCAA 331
QY 100 TyrlleTrpIleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrp 119
Db 332 TACACTTGGATTGGCTCCATGACCCACTCTGGGTGCGAGAACCAATGGAGGTGGATGG 391
QY 120 LysTrpSerSerAsnValLeuThrPheTyrsTrpAsnTrpGluArgAsnProSerIleAla 139
Db 392 GAATGGAGTAAATGACGTGATGAATTAACCTGGAGAGGAAACCCATCTACTGCC 451
QY 140 AlaAspArgGlyTyrcysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAsp 159
Db 452 TTAGACCGTGTCTTCTGTGGCAGCTGTCAAGAGCTTCTGAGATTCTTAAATGGAGAGAT 511
QY 160 PheAsnCysGluAsnGluLeuProTyrlleCysLysPhe 172
Db 512 ATGACATGTGAGGTGAAGTTCCTTCTGCTGCAAAATTT 550
RESULT 8
US-10-191-803-235
; Sequence 235, Application US/10191803
; Publication No. US20040014040A1
; GENERAL INFORMATION:
; APPLICANT: MENDRICK, Donna
; APPLICANT: PORTER, Mark
; APPLICANT: JOHNSON, Kory
; APPLICANT: HIGGS, Brandon
; APPLICANT: CASTLE, Arthur
; APPLICANT: ELASHOFF, Michael
; TITLE OF INVENTION: Cardiotocin Molecular Toxicology Modeling
; FILE REFERENCE: 44921-50900S
; CURRENT APPLICATION NUMBER: US/10/191,803
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: US 60/303,819
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US 60/305,623
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/369,351
; PRIOR FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: US 60/377,611
; PRIOR FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 1140
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 235
; LENGTH: 781
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(6586)
; OTHER INFORMATION: n = A, C, G, or T
US-10-191-803-235
Alignment Scores:
Pred. No.: 4,8e-68 Length: 781
Score: 593.00 Matches: 100
Percent Similarity: 79.27% Conservative: 30
Best Local Similarity: 60.98% Mismatches: 34
Query Match: 61.90% Indels: 0
Gaps: 16
DB:

US-09-717-095-2 (1-174) x US-10-191-803-235 (1-781)
QY 9 MetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrpValGluGluGluSer 28
Db 87 ATGTCTCGGATGTGCTCTCTCTGCTGATGCTCTTATCACAGGTGCAAGGAGAGACTCT 146
QY 29 GlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAlaTyrglySer 48
Db 147 CCGAGAAATACCTCTGACGCAATAGTTGCCCAAGGCTCCAGGATATGGTCC 206
QY 49 TyrcysTyrsSerLeuLeuLeuLeuProGlnThrTrpSerAsnAlaGluLeuSerCysGln 68
Db 207 TACTGTATGCTCTGTTTCAGATACACACACCTGTTTGTATGTCAGAACTGGCCTGCCAG 266
QY 69 MethisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThrPheValSer 88
Db 267 AAGAGACCTGAAGGACACCTTGTATCTGTGCTCAATAGCTGAAGCTTCAATTTTGGCA 326
QY 89 SerLeuValLysAsnSerLeuThrAlaTyrglnTyrlleTrpIleGlyLeuHisAspPro 108
Db 327 TCCATGTCTCAAGACACTGGAAACAGACTACCAATATACCTGGATTGGACTCCATGACCC 386
QY 109 SerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerAsnValLeuThr 128
Db 387 ACTCTTGTGGAGAACCAATGGAGGTGGATGGAGTGGAGTAAACAATGACATAATGAAT 446
QY 129 PheTyrsTrpGluArgAsnProSerIleAlaAspArgGlyTyrcysAlaValLeu 148
Db 447 TATGTCAACTGGGAGAGAACCCATCTACTCTCCCTAGACCCGGATTCTGTGGCAGCTTG 506
QY 149 SerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGluLeuProTyrlle 168
Db 507 TCAAGATCTTCTGGATTCTTAAGATGGAGAGATACCACATGTGAAGTGAAGTTGCCCTAC 566
QY 169 IleCysLysPhe 172
Db 567 GTCTGCAAAATTT 578
RESULT 9
US-10-339-767-2
; Sequence 2, Application US/10339767
; Publication No. US20030207301A1
; GENERAL INFORMATION:
; APPLICANT: GMP Endotherapeutics, Inc.
; APPLICANT: Vinik, Aaron I
; APPLICANT: Taylor-Fishwick, David A
; TITLE OF INVENTION: Assay for the Detection of Factors that Modulate the Expression
; FILE REFERENCE: 9061X#1S
; CURRENT APPLICATION NUMBER: US/10/339,767
; CURRENT FILING DATE: 2003-01-09
; PRIOR APPLICATION NUMBER: US 60/388,315
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: US 60/361,073
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/346,898
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 2
; LENGTH: 6586
; TYPE: DNA
; ORGANISM: Hamster sp.
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(6586)
; OTHER INFORMATION: n = A, C, G, or T
US-10-339-767-2
Alignment Scores:
Pred. No.: 5.31e-66 Length: 6586
Score: 588.00 Matches: 155


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; LENGTH: 807
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-722-149

Alignment Scores:
Pred. No.: 2,99e-65 Length: 807
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 12 Gaps: 0

US-09-717-095-2 (1-174) x US-09-997-722-149 (1-807)
QY 3 ProMetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrp 22
Db 70 CCATGGCCCTGCCAGTGTATCTTGATGCTGCTTTCCTGCCTCATGCTGCTCTCAG 139
QY 23 ValGluGluGluSerGlnLysLeuProSerSerArgileThrCysProGlnGly 42
Db 130 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGATCCGCTGTCCCAAAGGC 189
QY 43 SerValAlaLysGlySerTrpCysTrpSerLeuLeuLeuProGlnThrTrpSerAsn 62
Db 190 TCCAAGGCCCTATGCTCCCACTGCTATGCTTGTGTTTGTCCAAATCCTGGACAGAT 249
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuSerThrGly 82
Db 250 GCAGATCTGCCTGCCAGAGCGCCCTCTGGAACTGGTGTCTGTGCTCAGTGGGCT 309
QY 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTrpGlnTrp 102
Db 310 GAGGGATCTTCGTCTGCTCCCTCCCTGGTGAAGACATTGGTAACAGCTACTCATACGTGG 369
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSer 122
Db 370 ATTGGGCTCCATGACCCACACAGGGCACCAGGCCCAATGGAAGGTTGGGAGTGGAGT 429
QY 123 SerSerAsnValLeuThrPheTrpAsnTrpGluArgAsnProSerIleAlaAspArg 142
Db 430 AGCAGTGATGTGATGAATTACTTTGTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCC 489
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCys 162
Db 490 GGCCACTGTGCGAGCCTGTGCGAAGACACAGCATTTCTGAGGTGGAAGATTATACTGT 549
QY 163 GluAsnGluLeuProTrpIleCysLysPhe 172
Db 550 AATGTGAGGTTACCTATGCTGCAAGTTC 579

RESULT 13
US-09-925-301-171
; Sequence 171, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 171
; LENGTH: 940
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature

; LOCATION: (8)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (12)_feature
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (919)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (935)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (938)
; OTHER INFORMATION: n equals a,t,g, or c
; US-09-925-301-171

Alignment Scores:
Pred. No.: 3,75e-65 Length: 940
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 9 Gaps: 0

US-09-717-095-2 (1-174) x US-09-925-301-171 (1-940)
QY 3 ProMetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrp 22
Db 87 CCATGGCCCTGCCAGTGTATCTTGATGCTGCTTTCCTGCCTCATGCTGCTCTCAG 146
QY 23 ValGluGluGluSerGlnLysLeuProSerSerArgileThrCysProGlnGly 42
Db 147 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGATCCGCTGTCCCAAAGGC 206
QY 43 SerValAlaLysGlySerTrpCysTrpSerLeuLeuLeuProGlnThrTrpSerAsn 62
Db 207 TCCAAGGCCCTATGCTCCCACTGCTATGCTTGTGTTTGTACCAAAATCCTGGACAGAT 266
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 267 GCAGATCTGGCTGCCAGAGCGGCCCTCTGGAACTGGTGTCTGTGCTCAGTGGGCT 326
QY 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTrpGlnTrp 102
Db 327 GAGGGATCTTCGTCTGCTCCCTCCCTGGTGAAGACATTGGTAACAGCTACTCATACGTGG 386
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSer 122
Db 387 ATTGGGCTCCATGACCCACACAGGGCACCAGGCCCAATGGAAGGTTGGGAGTGGAGT 446
QY 123 SerSerAsnValLeuThrPheTrpAsnTrpGluArgAsnProSerIleAlaAspArg 142
Db 447 AGCAGTGATGTGATGAATTACTTTGTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCC 506
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCys 162
Db 507 GGCCACTGTGCGAGCCTGTGCGAAGACACAGCATTTCTGAGGTGGAAGATTATACTGT 566
QY 163 GluAsnGluLeuProTrpIleCysLysPhe 172
Db 567 AATGTGAGGTTACCTATGCTGCAAGTTC 596

RESULT 14
US-10-028-248A-37
; Sequence 37, Application US/10028248A
; Publication No. US20030235882A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Patturajan, Meera
; APPLICANT: Vernet, Corine
; APPLICANT: Casman, Stacie
; APPLICANT: Malyankar, Uriel
; APPLICANT: Shenoy, Suresh
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; APPLICANT: Spytek, Kimberly
; APPLICANT: Gangolli, Esha
; APPLICANT: Miller, Charles
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Smithson, Glenda
; APPLICANT: Zethusen, Bryan
; APPLICANT: Liu, Xiaohong
; APPLICANT: Colman, Steven
; APPLICANT: Tchernev, Velizar
; APPLICANT: Si, Jingsheng
; APPLICANT: Edinger, Shlomit
; APPLICANT: Stone, David
; APPLICANT: Sciore, Paul
; APPLICANT: Millet, Isabelle
; APPLICANT: Rothenberg, Mark
; TITLE OF INVENTION: No. US20030235882A1el Nucleic Acids and Polypeptides and Methods
; FILE REFERENCE: 21402-222
; CURRENT APPLICATION NUMBER: US/10/028,248A
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/256619
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/262959
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/272408
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/285189
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 60/308039
; PRIOR FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 60/311266
; PRIOR FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 211
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-028-248A-37
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Alignment Scores:
Pred. No.: 2,93e-65 Length: 530
Score: 570.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.50% Indels: 0
DB: 16 Gaps: 0
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US-09-717-095-2 (1-174) x US-10-028-248A-37 (1-530)

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Qy 4 MetThrLeuCyArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrpVal 23
Db 3 ATGGCCCTGCCAAGGTATCTTGGATGCTGCTTTCTGCTCATGCTGCTCAGGTT 62
Qy 24 GluGluGluSerGlnLysLeuProSerSerArgIleThrCysProGlnGlySer 43
Db 63 CAAGGTGAAGAACCCAGAGGAACTGGCCCTCTGCACGGATCGCTGTCCCAAGGCTCC 122
Qy 44 ValAlaTyGlySerTyCysTySerLeuLeuLeuLeuProGlnThrTrpSerAsnAla 63
Db 123 AAGGCTATGGCTCCACTGCTATGCTTTGTTGTCCAAAATCCTGGACATGCA 182
Qy 64 GluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGlu 83
Db 183 GATCTGGCTGCAGAGCGGCCCTCTGGAACCTGGTGTCTGTCTAGTGGGCTGAG 242
Qy 84 IleThrPheValSerSerLeuValLysAnSerLeuThrAlaTyGlnTyrlleTrpIle 103
Db 243 GGATCCTCTGCTCTCCCTGGTGAAGACGATTTGGTAACAGTACTACTACGCTCGGATT 302
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Qy 104 GlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSer 123
Db 303 GGGCTCCATGACCCACACAGGGCACCGCCCAATGGAGAAGGTTGGAGTGGAGTAGC 362
Qy 124 SerAsnValLeuThrPheTyAsnTrpGluArgAsnProSerIleAlaAlaAspArgGly 143
Db 363 AGTGATGTGATGAATTACTTTTGCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCCGGC 422
Qy 144 TyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGlu 163
Db 423 CACTGTGGAGCCCTGTGAGAGACGACGACATTTCTGAGTGGAAAGATATTAATGTAAT 482
Qy 164 AsnGluLeuProTyrlleCysLysPheLys 173
Db 483 GTGAGGTACCTATGCTGCAAGTTCAAA 512

RESULT 15
US-10-107-782-37
; Sequence 37, Application US/10107782
; Publication No. US20040018970A1
; GENERAL INFORMATION:
; APPLICANT: Boldog, Ferenc,
; APPLICANT: Casman, Stacie
; APPLICANT: Colman, Steve,
; APPLICANT: Edinger, Shlomit,
; APPLICANT: Gangolli, Esha,
; APPLICANT: Kekuda, Ramesh,
; APPLICANT: Li, Li,
; APPLICANT: Liu, Xiaohong,
; APPLICANT: Malyankar, Uriel,
; APPLICANT: Miller, Charles,
; APPLICANT: Millet, Isabelle,
; APPLICANT: Patturajan, Meera,
; APPLICANT: Rothenberg, Mark,
; APPLICANT: Sciore, Paul,
; APPLICANT: Shenoy, Suresh,
; APPLICANT: Shimkets, Richard,
; APPLICANT: Si, Jingsheng,
; APPLICANT: Smithson, Glenda,
; APPLICANT: Spytek, Kimberly,
; APPLICANT: Stone, David,
; APPLICANT: Taupier, Raymond, Jr.,
; APPLICANT: Tchernev, Velizar,
; APPLICANT: Vernet, Corine,
; APPLICANT: Zethusen, Brian
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES AND METHODS OF USE THEREOF
; FILE REFERENCE: 21402-222CIP
; CURRENT APPLICATION NUMBER: US/10/107,782
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: 10/028,248
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/256,619
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/262,959
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/272,408
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/285,189
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 60/308,039
; PRIOR FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 60/311,266
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/279,344
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 215
; SOFTWARE: CuraSeqlist version 0.1
; SEQ ID NO 37
; LENGTH: 530
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
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LOCATION: (3)..(527)
US-10-107-782-37

Alignment Scores:

Pred. No.:	2.93e-65	Length:	530
Score:	570.00	Matches:	98
Percent Similarity:	77.65%	Conservative:	34
Best Local Similarity:	57.65%	Mismatches:	38
Query Match:	59.50%	Indels:	0
DB:	16	Gaps:	0

US-09-717-095-2 (1-174) x US-10-107-782-37 (1-530)

QY	4	MetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrpVal	23
Db	3	ATGGCCCTGCCAAGTGATCTTGATGCTTCTCTGCTCATGCTGCTGCTCAGGTT	62
QY	24	GluGlyGluGluSerGlnLysLeuProSerSerArgIleThrCysProGlnGlySer	43
Db	63	CAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCAGGATCCGCTGTCCCAAGGCTCC	122
QY	44	ValAlaTyrGlySerTyrCysTyrSerLeuIleLeuIleProGlnThrTrpSerAsnAla	63
Db	123	AAGCCCTATGGCTCCCACTGCTATGCTTGTCTTGTACCAAAATCCTGACAGATGCA	182
QY	64	GluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGlu	83
Db	183	GATCTGGCCCTGCAGAAAGCGCCCTCTGGAAACCTGGTGTCTGCTCAGTGGGCTGAG	242
QY	84	IleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrpIle	103
Db	243	GGATCTTCTGTGCTTCTCTCCCTGGTGAAGAGCATTTGGTAACAGCTACTCATACGTCTGGATT	302
QY	104	GlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSer	123
Db	303	GGGCTCCATGACCCACACAGGCGCACCGACCCCAATGGAGAAGTTGGGAGTGGAGTAGC	362
QY	124	SerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGly	143
Db	363	AGTGATGTGATGAATTACTTTGCATGGAGAGAAATCCCTCCACCATCTCAAGCCCGGC	422
QY	144	TyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGlu	163
Db	423	CACGTGCGAGCCTGTGAGAACACACAGCATTTTCTGAGGTGAAAGATTATACTGTAT	482
QY	164	AsnGluLeuProTyrIleCysLysPheLys	173
Db	483	GTGAGGTACCTATGCTGCAAGTTCAA	512

Search completed: August 8, 2004, 06:57:16
Job time : 442 secs